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Board of Regents of Higher Education

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Completions at Public Colleges and Universities
Academic Years 1988/89 and 1989/90

Office of Research, Information Systems and Assessment
May 1, 1991

913/24

Competions at Public Colleges and Universities
Academic Years 1988/89 and 1989/90

The tables present completions at public colleges and universities for academic years 1988/89 and 1989/90. The first four tables summarize the information for all colleges and universities, universities, state colleges and community colleges. The remaining tables present the data for the individual universities, state colleges and community colleges.

The tables have been generated from the individual completion records in the Research and Planning, Enrollment and Degrees System (RPEDS). Every fall, the public colleges and universities submit the completion records for the previous academic year. It should be noted that individual students can receive more than one degree or certificate during an academic year. As a result, the total number of completions exceeds the total number of completers.

It is also important to note that the tables were not developed from the federal Integrated Postsecondary Education Data System (IPEDS). Besides being a unit record system, the completions database includes a missing gender category, birthdate information and other data that the IPEDS survey does not have.

The database includes teaching certification which is not an award or a degree but a 'completion'. When students complete a teaching program they receive a certificate from the state, not the campus. Since the campus program meets the certificate requirements, the RPEDS database counts the teaching certificate as part of the campus' completions.

Race/ethnicity and birthdate are voluntary, self-reported information. Though the quality of this information seems to be very good, there are some problems with erroneous and missing data. Some of the changes observed in these areas may due to improvements in data quality.

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http://archive.org/details/completionsatpub00mass

System and Segment Summaries

TABLE 1. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: ALL INSTITUTIONS

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	25,734	100.00%	27,121	100.00%	1,387	5.39%
SEGMENT						
UNIVERSITIES	10,964	42.61%	11,229	41.40%	265	2.42%
STATE COLLEGES	6,514	25.31%	7,068	26.06%	554	8.50%
COMMUNITY COLLEGES	8,256	32.08%	8,824	32.54%	568	6.88%
UNIVERSITY OR COLLEGE						
UNIVERSITY OF MASSACHUSETTS AT AMHERST	5,777	22.45%	5,775	21.29%	-2	-0.03%
UNIVERSITY OF MASSACHUSETTS AT BOSTON	1,839	7.15%	2,017	7.44%	178	9.68%
UNIVERSITY OF MASSACHUSETTS AT WORCESTER	123	0.48%	140	0.52%	17	13.82%
UNIVERSITY OF LOWELL	2,113	8.21%	2,159	7.96%	46	2.18%
SOUTHEASTERN MASSACHUSETTS UNIVERSITY	1,112	4.32%	1,138	4.20%	26	2.34%
BRIDGEWATER STATE COLLEGE	1,293	5.02%	1,328	4.90%	35	2.71%
FITCHBURG STATE COLLEGE	951	3.70%	940	3.47%	-11	-1.16%
FRAMINGHAM STATE COLLEGE	742	2.88%	742	2.74%	0	0.00%
MASSACHUSETTS COLLEGE OF ART	203	0.79%	194	0.72%	-9	-4.43%
MASSACHUSETTS MARITIME ACADEMY	120	0.47%	118	0.44%	-2	-1.67%
NORTH ADAMS STATE COLLEGE	416	1.62%	540	1.99%	124	29.81%
SALEM STATE COLLEGE	1,187	4.61%	1,328	4.90%	141	11.88%
WESTFIELD STATE COLLEGE	854	3.32%	880	3.24%	26	3.04%
WORCESTER STATE COLLEGE	748	2.91%	998	3.68%	250	33.42%
BERKSHIRE COMMUNITY COLLEGE	400	1.55%	398	1.47%	-2	-0.50%
BRISTOL COMMUNITY COLLEGE	525	2.04%	601	2.22%	76	14.48%
BUNKER HILL COMMUNITY COLLEGE	576	2.24%	629	2.32%	53	9.20%
CAPE COD COMMUNITY COLLEGE	333	1.29%	406	1.50%	73	21.92%
GREENFIELD COMMUNITY COLLEGE	291	1.13%	329	1.21%	38	13.06%
HOLYOKE COMMUNITY COLLEGE	721	2.80%	708	2.61%	-13	-1.80%
MASSACHUSETTS BAY COMMUNITY COLLEGE	526	2.04%	579	2.13%	53	10.08%
MASSASOIT COMMUNITY COLLEGE	828	3.22%	854	3.15%	26	3.14%
MIDDLESEX COMMUNITY COLLEGE	714	2.77%	761	2.81%	47	6.58%
MT. WACHUSETT COMMUNITY COLLEGE	500	1.94%	519	1.91%	19	3.80%
NORTH SHORE COMMUNITY COLLEGE	706	2.74%	696	2.57%	-10	-1.42%
NORTHERN ESSEX COMMUNITY COLLEGE	753	2.93%	829	3.06%	76	10.09%
QUINSIGAMOND COMMUNITY COLLEGE	546	2.12%	630	2.32%	84	15.38%
ROXBURY COMMUNITY COLLEGE	135	0.52%	194	0.72%	59	43.70%
SPRINGFIELD TECHNICAL COMMUNITY COLLEGE	702	2.73%	691	2.55%	-11	-1.57%
TYPE OF AWARD						
Undergraduate Certificates	798	3.10%	869	3.20%	71	8.90%
Associates Degrees	7,679	29.84%	8,183	30.17%	504	6.56%
Baccalaureate Degrees	13,714	53.29%	14,235	52.49%	521	3.80%
Graduate Certificates	105	0.41%	101	0.37%	-4	-3.81%
Masters Degrees	2,956	11.49%	3,082	11.36%	126	4.26%
Doctoral Degree	360	1.40%	403	1.49%	43	11.94%
Teaching Certification	32	0.12%	151	0.56%	119	371.88%
First Professional Degrees	90	0.35%	97	0.36%	7	7.78%
GENDER						
Male	10,703	41.59%	11,075	40.84%	372	3.48%
Female	15,029	58.40%	16,029	59.10%	1,000	6.65%
Missing	2	0.01%	17	0.06%	15	750.00%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 1. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: ALL INSTITUTIONS

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	25,734	100.00%	27,121	100.00%	1,387	5.39%
RACE/ETHNICITY						
Missing	2,633	10.23%	2,293	8.45%	-340	-12.91%
Native American	57	0.22%	64	0.24%	7	12.28%
Asian	372	1.45%	474	1.75%	102	27.42%
Black	617	2.40%	722	2.66%	105	17.02%
Hispanic	430	1.67%	465	1.71%	35	8.14%
Cape Verdean	48	0.19%	51	0.19%	3	6.25%
White	20,577	79.96%	21,963	80.98%	1,386	6.74%
Non-Resident Alien	820	3.19%	814	3.00%	-6	-0.73%
Other	180	0.70%	275	1.01%	95	52.78%
AGE						
1 - 17	4	0.02%	0	0.00%	-4	-100.00%
18	41	0.16%	13	0.05%	-28	-68.29%
19	454	1.76%	468	1.73%	14	3.08%
20	1,096	4.26%	1,146	4.23%	50	4.56%
21	3,352	13.03%	3,456	12.74%	104	3.10%
22 - 24	9,093	35:33%	9,368	34.54%	275	3.02%
25 - 29	4,369	16.98%	4,811	17.74%	442	10.12%
30 - 34	2,552	9.92%	2,785	10.27%	233	9.13%
35 - 39	1,771	6.88%	1,975	7.28%	204	11.52%
40 - 44	1,251	4.86%	1,371	5.06%	120	9.59%
45 - 49	579	2.25%	712	2.63%	133	22.97%
50 - 54	272	1.06%	295	1.09%	23	8.46%
55 - 59	104	0.40%	124	0.46%	20	19.23%
60 - 64	80	0.31%	60	0.22%	-20	-25.00%
65 - 69	39	0.15%	44	0.16%	5	12.82%
70 +	32	0.12%	42	0.15%	10	31.25%
Unknown	645	2.51%	451	1.66%	-194	-30.08%

SOURCE: **Massachusetts Board of Regents of Higher Education**
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 1. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: ALL INSTITUTIONS

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	25,734	100.00%	27,121	100.00%	1,387	5.39%
PROGRAM AREA						
AGRIBUSINESS AND AGRICULTURAL PRODUCTION	149	0.58%	153	0.56%	4	2.68%
AGRICULTURAL SCIENCES	78	0.30%	95	0.35%	17	21.79%
RENEWABLE NATURAL RESOURCES	63	0.24%	75	0.28%	12	19.05%
ARCHITECTURE AND ENVIRONMENTAL DESIGN	64	0.25%	133	0.49%	69	107.81%
AREA AND ETHNIC STUDIES	20	0.08%	26	0.10%	6	30.00%
BUSINESS AND MANAGEMENT	5,372	20.88%	5,195	19.15%	-177	-3.29%
BUSINESS (ADMINISTRATIVE SUPPORT)	812	3.16%	927	3.42%	115	14.16%
MARKETING AND DISTRIBUTION	75	0.29%	62	0.23%	-13	-17.33%
COMMUNICATIONS	576	2.24%	613	2.26%	37	6.42%
COMMUNICATIONS TECHNOLOGIES	84	0.33%	72	0.27%	-12	-14.29%
COMPUTER AND INFORMATION SCIENCES	657	2.55%	602	2.22%	-55	-8.37%
CONSUMER, PERSONAL, & MISC. SERVICES	37	0.14%	31	0.11%	-6	-16.22%
EDUCATION	2,939	11.42%	3,698	13.64%	759	25.83%
ENGINEERING	1,504	5.84%	1,340	4.94%	-164	-10.90%
ENGINEERING & ENG. RELATED TECHNOLOGIES	888	3.45%	876	3.23%	-12	-1.35%
FOREIGN LANGUAGES	163	0.63%	169	0.62%	6	3.68%
ALLIED HEALTH	1,105	4.29%	1,205	4.44%	100	9.05%
HEALTH SCIENCES	1,620	6.30%	1,604	5.91%	-16	-0.99%
HOME ECONOMICS	256	0.99%	117	0.43%	-139	-54.30%
VOCATIONAL HOME ECONOMICS	191	0.74%	183	0.67%	-8	-4.19%
LAW	200	0.78%	190	0.70%	-10	-5.00%
LETTERS	808	3.14%	967	3.57%	159	19.68%
LIBERAL / GENERAL STUDIES	1,742	6.77%	1,950	7.19%	208	11.94%
LIFE SCIENCES	506	1.97%	505	1.86%	-1	-0.20%
MATHEMATICS	282	1.10%	270	1.00%	-12	-4.26%
MILITARY SCIENCES	120	0.47%	118	0.44%	-2	-1.67%
MULTI / INTERDISCIPLINARY STUDIES	310	1.20%	345	1.27%	35	11.29%
PARKS AND RECREATION	51	0.20%	56	0.21%	5	9.80%
BASIC SKILLS	14	0.05%	16	0.06%	2	14.29%
LEISURE AND RECREATIONAL ACTIVITIES	35	0.14%	54	0.20%	19	54.29%
PHILOSOPHY AND RELIGION	38	0.15%	42	0.15%	4	10.53%
PHYSICAL SCIENCES	321	1.25%	295	1.09%	-26	-8.10%
SCIENCE TECHNOLOGIES	9	0.03%	10	0.04%	1	11.11%
PSYCHOLOGY	821	3.19%	992	3.66%	171	20.83%
PROTECTIVE SERVICES	789	3.07%	945	3.48%	156	19.77%
PUBLIC AFFAIRS	268	1.04%	266	0.98%	-2	-0.75%
SOCIAL SCIENCES	1,820	7.07%	1,913	7.05%	93	5.11%
CONSTRUCTION TRADES	2	0.01%	2	0.01%	0	0.00%
MECHANICS AND REPAIRERS	45	0.17%	28	0.10%	-17	-37.78%
PRECISION PRODUCTION	93	0.36%	124	0.46%	31	33.33%
TRANSPORTATION AND MATERIAL MOVING	44	0.17%	61	0.22%	17	38.64%
VISUAL AND PERFORMING ARTS	763	2.96%	796	2.93%	33	4.33%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 2. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: UNIVERSITIES

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	10,964	100.00%	11,229	100.00%	265	2.42%
UNIVERSITY OR COLLEGE						
UNIVERSITY OF MASSACHUSETTS AT AMHERST	5,777	52.69%	5,775	51.43%	-2	-0.03%
UNIVERSITY OF MASSACHUSETTS AT BOSTON	1,839	16.77%	2,017	17.96%	178	9.68%
UNIVERSITY OF MASSACHUSETTS AT WORCESTER	123	1.12%	140	1.25%	17	13.82%
UNIVERSITY OF LOWELL	2,113	19.27%	2,159	19.23%	46	2.18%
SOUTHEASTERN MASSACHUSETTS UNIVERSITY	1,112	10.14%	1,138	10.13%	26	2.34%
TYPE OF AWARD						
Undergraduate Certificates	53	0.48%	41	0.37%	-12	-22.64%
Associates Degrees	164	1.50%	175	1.56%	11	6.71%
Baccalaureate Degrees	8,236	75.12%	8,394	74.75%	158	1.92%
Graduate Certificates	65	0.59%	56	0.50%	-9	-13.85%
Masters Degrees	1,996	18.21%	2,063	18.37%	67	3.36%
Doctoral Degree	360	3.28%	403	3.59%	43	11.94%
First Professional Degrees	90	0.82%	97	0.86%	7	7.78%
GENDER						
Male	5,449	49.70%	5,411	48.19%	-38	-0.70%
Female	5,514	50.29%	5,816	51.79%	302	5.48%
Missing	1	0.01%	2	0.02%	1	100.00%
RACE/ETHNICITY						
Missing	1,692	15.43%	1,232	10.97%	-460	-27.19%
Native American	17	0.16%	16	0.14%	-1	-5.88%
Asian	214	1.95%	265	2.36%	51	23.83%
Black	220	2.01%	244	2.17%	24	10.91%
Hispanic	190	1.73%	213	1.90%	23	12.11%
Cape Verdean	19	0.17%	24	0.21%	5	26.32%
White	7,931	72.34%	8,585	76.45%	654	8.25%
Non-Resident Alien	679	6.19%	633	5.64%	-46	-6.77%
Other	2	0.02%	17	0.15%	15	750.00%
AGE						
18	1	0.01%	0	0.00%	-1	-100.00%
19	16	0.15%	18	0.16%	2	12.50%
20	58	0.53%	50	0.45%	-8	-13.79%
21	1,473	13.43%	1,449	12.90%	-24	-1.63%
22 - 24	4,743	43.26%	4,756	42.35%	13	0.27%
25 - 29	2,099	19.14%	2,316	20.63%	217	10.34%
30 - 34	1,019	9.29%	1,138	10.13%	119	11.68%
35 - 39	575	5.24%	662	5.90%	87	15.13%
40 - 44	368	3.36%	411	3.66%	43	11.68%
45 - 49	155	1.41%	224	1.99%	69	44.52%
50 - 54	88	0.80%	78	0.69%	-10	-11.36%
55 - 59	35	0.32%	40	0.36%	5	14.29%
60 - 64	37	0.34%	24	0.21%	-13	-35.14%
65 - 69	26	0.24%	20	0.18%	-6	-23.08%
70 +	17	0.16%	22	0.20%	5	29.41%
Unknown	254	2.32%	21	0.19%	-233	-91.73%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 2. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: UNIVERSITIES

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	10,964	100.00%	11,229	100.00%	265	2.42%
PROGRAM AREA						
AGRIBUSINESS AND AGRICULTURAL PRODUCTION	126	1.15%	124	1.10%	-2	-1.59%
AGRICULTURAL SCIENCES	74	0.67%	91	0.81%	17	22.97%
RENEWABLE NATURAL RESOURCES	57	0.52%	61	0.54%	4	7.02%
ARCHITECTURE AND ENVIRONMENTAL DESIGN	64	0.58%	113	1.01%	49	76.56%
AREA AND ETHNIC STUDIES	20	0.18%	24	0.21%	4	20.00%
BUSINESS AND MANAGEMENT	2,274	20.74%	2,089	18.60%	-185	-8.14%
COMMUNICATIONS	411	3.75%	418	3.72%	7	1.70%
COMPUTER AND INFORMATION SCIENCES	296	2.70%	283	2.52%	-13	-4.39%
EDUCATION	1,016	9.27%	1,287	11.46%	271	26.67%
ENGINEERING	1,362	12.42%	1,227	10.93%	-135	-9.91%
ENGINEERING & ENG. RELATED TECHNOLOGIES	219	2.00%	197	1.75%	-22	-10.05%
FOREIGN LANGUAGES	146	1.33%	154	1.37%	8	5.48%
ALLIED HEALTH	55	0.50%	41	0.37%	-14	-25.45%
HEALTH SCIENCES	619	5.65%	662	5.90%	43	6.95%
HOME ECONOMICS	149	1.36%	17	0.15%	-132	-88.59%
LAW	89	0.81%	111	0.99%	22	24.72%
LETTERS	473	4.31%	607	5.41%	134	28.33%
LIBERAL / GENERAL STUDIES	27	0.25%	15	0.13%	-12	-44.44%
LIFE SCIENCES	368	3.36%	360	3.21%	-8	-2.17%
MATHEMATICS	197	1.80%	171	1.52%	-26	-13.20%
MULTI / INTERDISCIPLINARY STUDIES	279	2.54%	324	2.89%	45	16.13%
PARKS AND RECREATION	34	0.31%	40	0.36%	6	17.65%
LEISURE AND RECREATIONAL ACTIVITIES	0	0.00%	2	0.02%	2	---
PHILOSOPHY AND RELIGION	32	0.29%	34	0.30%	2	6.25%
PHYSICAL SCIENCES	272	2.48%	244	2.17%	-28	-10.29%
SCIENCE TECHNOLOGIES	6	0.05%	7	0.06%	1	16.67%
PSYCHOLOGY	432	3.94%	554	4.93%	122	28.24%
PROTECTIVE SERVICES	118	1.08%	141	1.26%	23	19.49%
PUBLIC AFFAIRS	136	1.24%	116	1.03%	-20	-14.71%
SOCIAL SCIENCES	1,238	11.29%	1,339	11.92%	101	8.16%
VISUAL AND PERFORMING ARTS	375	3.42%	376	3.35%	1	0.27%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 3. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: STATE COLLEGES

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	6,514	100.00%	7,068	100.00%	554	8.50%
UNIVERSITY OR COLLEGE						
BRIDGEWATER STATE COLLEGE	1,293	19.85%	1,328	18.79%	35	2.71%
FITCHBURG STATE COLLEGE	951	14.60%	940	13.30%	-11	-1.16%
FRAMINGHAM STATE COLLEGE	742	11.39%	742	10.50%	0	0.00%
MASSACHUSETTS COLLEGE OF ART	203	3.12%	194	2.74%	-9	-4.43%
MASSACHUSETTS MARITIME ACADEMY	120	1.84%	118	1.67%	-2	-1.67%
NORTH ADAMS STATE COLLEGE	416	6.39%	540	7.64%	124	29.81%
SALEM STATE COLLEGE	1,187	18.22%	1,328	18.79%	141	11.88%
WESTFIELD STATE COLLEGE	854	13.11%	880	12.45%	26	3.04%
WORCESTER STATE COLLEGE	748	11.48%	998	14.12%	250	33.42%
TYPE OF AWARD						
Undergraduate Certificates	4	0.06%	12	0.17%	8	200.00%
Baccalaureate Degrees	5,478	84.10%	5,841	82.64%	363	6.63%
Graduate Certificates	40	0.61%	45	0.64%	5	12.50%
Masters Degrees	960	14.74%	1,019	14.42%	59	6.15%
Teaching Certification	32	0.49%	151	2.14%	119	371.88%
GENDER						
Male	2,367	36.34%	2,467	34.90%	100	4.22%
Female	4,147	63.66%	4,591	64.95%	444	10.71%
Missing	0	0.00%	10	0.14%	10	---
RACE/ETHNICITY						
Missing	605	9.29%	828	11.71%	223	36.86%
Native American	12	0.18%	20	0.28%	8	66.67%
Asian	26	0.40%	35	0.50%	9	34.62%
Black	88	1.35%	72	1.02%	-16	-18.18%
Hispanic	45	0.69%	47	0.66%	2	4.44%
Cape Verdean	5	0.08%	7	0.10%	2	40.00%
White	5,555	85.28%	5,808	82.17%	253	4.55%
Non-Resident Alien	42	0.64%	58	0.82%	16	38.10%
Other	136	2.09%	193	2.73%	57	41.91%
AGE						
19	1	0.02%	0	0.00%	-1	-100.00%
20	10	0.15%	11	0.16%	1	10.00%
21	930	14.28%	899	12.72%	-31	-3.33%
22 - 24	2,859	43.89%	3,066	43.38%	207	7.24%
25 - 29	887	13.62%	1,027	14.53%	140	15.78%
30 - 34	524	8.04%	542	7.67%	18	3.44%
35 - 39	403	6.19%	507	7.17%	104	25.81%
40 - 44	329	5.05%	359	5.08%	30	9.12%
45 - 49	165	2.53%	183	2.59%	18	10.91%
50 - 54	62	0.95%	82	1.16%	20	32.26%
55 - 59	30	0.46%	23	0.33%	-7	-23.33%
60 - 64	12	0.18%	8	0.11%	-4	-33.33%
65 - 69	0	0.00%	8	0.11%	8	---
70 +	8	0.12%	5	0.07%	-3	-37.50%
Unknown	294	4.51%	348	4.92%	54	18.37%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 3. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: STATE COLLEGES

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	6,514	100.00%	7,068	100.00%	554	8.50%
PROGRAM AREA						
ARCHITECTURE AND ENVIRONMENTAL DESIGN	0	0.00%	20	0.28%	20	---
BUSINESS AND MANAGEMENT	1,284	19.71%	1,327	18.77%	43	3.35%
BUSINESS (ADMINISTRATIVE SUPPORT)	81	1.24%	50	0.71%	-31	-38.27%
COMMUNICATIONS	147	2.26%	175	2.48%	28	19.05%
COMMUNICATIONS TECHNOLOGIES	39	0.60%	31	0.44%	-8	-20.51%
COMPUTER AND INFORMATION SCIENCES	154	2.36%	137	1.94%	-17	-11.04%
EDUCATION	1,752	26.90%	2,169	30.69%	417	23.80%
ENGINEERING	11	0.17%	6	0.08%	-5	-45.45%
ENGINEERING & ENG. RELATED TECHNOLOGIES	61	0.94%	55	0.78%	-6	-9.84%
FOREIGN LANGUAGES	17	0.26%	15	0.21%	-2	-11.76%
ALLIED HEALTH	108	1.66%	123	1.74%	15	13.89%
HEALTH SCIENCES	352	5.40%	301	4.26%	-51	-14.49%
HOME ECONOMICS	107	1.64%	100	1.41%	-7	-6.54%
VOCATIONAL HOME ECONOMICS	0	0.00%	7	0.10%	7	---
LAW	0	0.00%	10	0.14%	10	---
LETTERS	330	5.07%	356	5.04%	26	7.88%
LIBERAL / GENERAL STUDIES	46	0.71%	69	0.98%	23	50.00%
LIFE SCIENCES	138	2.12%	145	2.05%	7	5.07%
MATHEMATICS	84	1.29%	96	1.36%	12	14.29%
MILITARY SCIENCES	120	1.84%	118	1.67%	-2	-1.67%
MULTI / INTERDISCIPLINARY STUDIES	28	0.43%	18	0.25%	-10	-35.71%
LEISURE AND RECREATIONAL ACTIVITIES	35	0.54%	52	0.74%	17	48.57%
PHILOSOPHY AND RELIGION	6	0.09%	8	0.11%	2	33.33%
PHYSICAL SCIENCES	49	0.75%	49	0.69%	0	0.00%
PSYCHOLOGY	389	5.97%	437	6.18%	48	12.34%
PROTECTIVE SERVICES	180	2.76%	157	2.22%	-23	-12.78%
PUBLIC AFFAIRS	91	1.40%	110	1.56%	19	20.88%
SOCIAL SCIENCES	582	8.93%	574	8.12%	-8	-1.37%
TRANSPORTATION AND MATERIAL MOVING	31	0.48%	35	0.50%	4	12.90%
VISUAL AND PERFORMING ARTS	292	4.48%	318	4.50%	26	8.90%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 4. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: COMMUNITY COLLEGES

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	8,256	100.00%	8,824	100.00%	568	6.88%
UNIVERSITY OR COLLEGE						
BERKSHIRE COMMUNITY COLLEGE	400	4.84%	398	4.51%	-2	-0.50%
BRISTOL COMMUNITY COLLEGE	525	6.36%	601	6.81%	76	14.48%
BUNKER HILL COMMUNITY COLLEGE	576	6.98%	629	7.13%	53	9.20%
CAPE COD COMMUNITY COLLEGE	333	4.03%	406	4.60%	73	21.92%
GREENFIELD COMMUNITY COLLEGE	291	3.52%	329	3.73%	38	13.06%
HOLYOKE COMMUNITY COLLEGE	721	8.73%	708	8.02%	-13	-1.80%
MASSACHUSETTS BAY COMMUNITY COLLEGE	526	6.37%	579	6.56%	53	10.08%
MASSASOIT COMMUNITY COLLEGE	828	10.03%	854	9.68%	26	3.14%
MIDDLESEX COMMUNITY COLLEGE	714	8.65%	761	8.62%	47	6.58%
MT. WACHUSETT COMMUNITY COLLEGE	500	6.06%	519	5.88%	19	3.80%
NORTH SHORE COMMUNITY COLLEGE	706	8.55%	696	7.89%	-10	-1.42%
NORTHERN ESSEX COMMUNITY COLLEGE	753	9.12%	829	9.39%	76	10.09%
QUINSIGAMOND COMMUNITY COLLEGE	546	6.61%	630	7.14%	84	15.38%
ROXBURY COMMUNITY COLLEGE	135	1.64%	194	2.20%	59	43.70%
SPRINGFIELD TECHNICAL COMMUNITY COLLEGE	702	8.50%	691	7.83%	-11	-1.57%
TYPE OF AWARD						
Undergraduate Certificates	741	8.98%	816	9.25%	75	10.12%
Associates Degrees	7,515	91.02%	8,008	90.75%	493	6.56%
GENDER						
Male	2,887	34.97%	3,197	36.23%	310	10.74%
Female	5,368	65.02%	5,622	63.71%	254	4.73%
Missing	1	0.01%	5	0.06%	4	400.00%
RACE/ETHNICITY						
Missing	336	4.07%	233	2.64%	-103	-30.65%
Native American	28	0.34%	28	0.32%	0	0.00%
Asian	132	1.60%	174	1.97%	42	31.82%
Black	309	3.74%	406	4.60%	97	31.39%
Hispanic	195	2.36%	205	2.32%	10	5.13%
Cape Verdean	24	0.29%	20	0.23%	-4	-16.67%
White	7,091	85.89%	7,570	85.79%	479	6.76%
Non-Resident Alien	99	1.20%	123	1.39%	24	24.24%
Other	42	0.51%	65	0.74%	23	54.76%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 4. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: COMMUNITY COLLEGES

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	8,256	100.00%	8,824	100.00%	568	6.88%
AGE						
1 - 17	4	0.05%	0	0.00%	-4	-100.00%
18	40	0.48%	13	0.15%	-27	-67.50%
19	437	5.29%	450	5.10%	13	2.97%
20	1,028	12.45%	1,085	12.30%	57	5.54%
21	949	11.49%	1,108	12.56%	159	16.75%
22 - 24	1,491	18.06%	1,546	17.52%	55	3.69%
25 - 29	1,383	16.75%	1,468	16.64%	85	6.15%
30 - 34	1,009	12.22%	1,105	12.52%	96	9.51%
35 - 39	793	9.61%	806	9.13%	13	1.64%
40 - 44	554	6.71%	601	6.81%	47	8.48%
45 - 49	259	3.14%	305	3.46%	46	17.76%
50 - 54	122	1.48%	135	1.53%	13	10.66%
55 - 59	39	0.47%	61	0.69%	22	56.41%
60 - 64	31	0.38%	28	0.32%	-3	-9.68%
65 - 69	13	0.16%	16	0.18%	3	23.08%
70 +	7	0.08%	15	0.17%	8	114.29%
Unknown	97	1.17%	82	0.93%	-15	-15.46%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 4. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: COMMUNITY COLLEGES

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	8,256	100.00%	8,824	100.00%	568	6.88%
PROGRAM AREA						
AGRIBUSINESS AND AGRICULTURAL PRODUCTION	23	0.28%	29	0.33%	6	26.09%
AGRICULTURAL SCIENCES	4	0.05%	4	0.05%	0	0.00%
RENEWABLE NATURAL RESOURCES	6	0.07%	14	0.16%	8	133.33%
AREA AND ETHNIC STUDIES	0	0.00%	2	0.02%	2	---
BUSINESS AND MANAGEMENT	1,814	21.97%	1,779	20.16%	-35	-1.93%
BUSINESS (ADMINISTRATIVE SUPPORT)	731	8.85%	877	9.94%	146	19.97%
MARKETING AND DISTRIBUTION	75	0.91%	62	0.70%	-13	-17.33%
COMMUNICATIONS	18	0.22%	20	0.23%	2	11.11%
COMMUNICATIONS TECHNOLOGIES	45	0.55%	41	0.46%	-4	-8.89%
COMPUTER AND INFORMATION SCIENCES	207	2.51%	182	2.06%	-25	-12.08%
CONSUMER, PERSONAL, & MISC. SERVICES	37	0.45%	31	0.35%	-6	-16.22%
EDUCATION	171	2.07%	242	2.74%	71	41.52%
ENGINEERING	131	1.59%	107	1.21%	-24	-18.32%
ENGINEERING & ENG. RELATED TECHNOLOGIES	608	7.36%	624	7.07%	16	2.63%
ALLIED HEALTH	942	11.41%	1,041	11.80%	99	10.51%
HEALTH SCIENCES	649	7.86%	641	7.26%	-8	-1.23%
VOCATIONAL HOME ECONOMICS	191	2.31%	176	1.99%	-15	-7.85%
LAW	111	1.34%	69	0.78%	-42	-37.84%
LETTERS	5	0.06%	4	0.05%	-1	-20.00%
LIBERAL / GENERAL STUDIES	1,669	20.22%	1,866	21.15%	197	11.80%
MATHEMATICS	1	0.01%	3	0.03%	2	200.00%
MULTI / INTERDISCIPLINARY STUDIES	3	0.04%	3	0.03%	0	0.00%
PARKS AND RECREATION	17	0.21%	16	0.18%	-1	-5.88%
BASIC SKILLS	14	0.17%	16	0.18%	2	14.29%
PHYSICAL SCIENCES	0	0.00%	2	0.02%	2	---
SCIENCE TECHNOLOGIES	3	0.04%	3	0.03%	0	0.00%
PSYCHOLOGY	0	0.00%	1	0.01%	1	---
PROTECTIVE SERVICES	491	5.95%	647	7.33%	156	31.77%
PUBLIC AFFAIRS	41	0.50%	40	0.45%	-1	-2.44%
CONSTRUCTION TRADES	2	0.02%	2	0.02%	0	0.00%
MECHANICS AND REPAIRERS	45	0.55%	28	0.32%	-17	-37.78%
PRECISION PRODUCTION	93	1.13%	124	1.41%	31	33.33%
TRANSPORTATION AND MATERIAL MOVING	13	0.16%	26	0.29%	13	100.00%
VISUAL AND PERFORMING ARTS	96	1.16%	102	1.16%	6	6.25%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

Universities

TABLE 5. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: UNIVERSITY OF MASSACHUSETTS AT AMHERST

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	5,777	100.00%	5,775	100.00%	-2	-0.03%
TYPE OF AWARD						
Associates Degrees	91	1.58%	108	1.87%	17	18.68%
Baccalaureate Degrees	4,336	75.06%	4,312	74.67%	-24	-0.55%
Graduate Certificates	37	0.64%	33	0.57%	-4	-10.81%
Masters Degrees	984	17.03%	961	16.64%	-23	-2.34%
Doctoral Degree	329	5.69%	361	6.25%	32	9.73%
GENDER						
Male	2,850	49.33%	2,769	47.95%	-81	-2.84%
Female	2,927	50.67%	3,006	52.05%	79	2.70%
RACE/ETHNICITY						
Missing	1,194	20.67%	810	14.03%	-384	-32.16%
Native American	10	0.17%	12	0.21%	2	20.00%
Asian	81	1.40%	91	1.58%	10	12.35%
Black	119	2.06%	112	1.94%	-7	-5.88%
Hispanic	129	2.23%	135	2.34%	6	4.65%
Cape Verdean	9	0.16%	13	0.23%	4	44.44%
White	3,855	66.73%	4,267	73.89%	412	10.69%
Non-Resident Alien	380	6.58%	335	5.80%	-45	-11.84%
AGE						
19	15	0.26%	18	0.31%	3	20.00%
20	52	0.90%	39	0.68%	-13	-25.00%
21	1,034	17.90%	1,081	18.72%	47	4.55%
22 - 24	2,750	47.60%	2,673	46.29%	-77	-2.80%
25 - 29	906	15.68%	923	15.98%	17	1.88%
30 - 34	466	8.07%	423	7.32%	-43	-9.23%
35 - 39	268	4.64%	294	5.09%	26	9.70%
40 - 44	158	2.73%	172	2.98%	14	8.86%
45 - 49	59	1.02%	92	1.59%	33	55.93%
50 - 54	37	0.64%	37	0.64%	0	0.00%
55 - 59	15	0.26%	14	0.24%	-1	-6.67%
60 - 64	10	0.17%	3	0.05%	-7	-70.00%
65 - 69	6	0.10%	1	0.02%	-5	-83.33%
70 +	1	0.02%	4	0.07%	3	300.00%
Unknown	0	0.00%	1	0.02%	1	---

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 5. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: UNIVERSITY OF MASSACHUSETTS AT AMHERST

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	5,777	100.00%	5,775	100.00%	-2	-0.03%
PROGRAM AREA						
AGRIBUSINESS AND AGRICULTURAL PRODUCTION	126	2.18%	124	2.15%	-2	-1.59%
AGRICULTURAL SCIENCES	74	1.28%	91	1.58%	17	22.97%
RENEWABLE NATURAL RESOURCES	55	0.95%	58	1.00%	3	5.45%
ARCHITECTURE AND ENVIRONMENTAL DESIGN	64	1.11%	113	1.96%	49	76.56%
AREA AND ETHNIC STUDIES	10	0.17%	7	0.12%	-3	-30.00%
BUSINESS AND MANAGEMENT	1,138	19.70%	919	15.91%	-219	-19.24%
COMMUNICATIONS	411	7.11%	418	7.24%	7	1.70%
COMPUTER AND INFORMATION SCIENCES	93	1.61%	74	1.28%	-19	-20.43%
EDUCATION	573	9.92%	742	12.85%	169	29.49%
ENGINEERING	638	11.04%	552	9.56%	-86	-13.48%
FOREIGN LANGUAGES	89	1.54%	112	1.94%	23	25.84%
ALLIED HEALTH	5	0.09%	4	0.07%	-1	-20.00%
HEALTH SCIENCES	151	2.61%	174	3.01%	23	15.23%
HOME ECONOMICS	149	2.58%	17	0.29%	-132	-88.59%
LAW	70	1.21%	76	1.32%	6	8.57%
LETTERS	230	3.98%	330	5.71%	100	43.48%
LIBERAL / GENERAL STUDIES	20	0.35%	9	0.16%	-11	-55.00%
LIFE SCIENCES	257	4.45%	236	4.09%	-21	-8.17%
MATHEMATICS	60	1.04%	75	1.30%	15	25.00%
MULTI / INTERDISCIPLINARY STUDIES	194	3.36%	227	3.93%	33	17.01%
PARKS AND RECREATION	34	0.59%	40	0.69%	6	17.65%
LEISURE AND RECREATIONAL ACTIVITIES	0	0.00%	2	0.03%	2	---
PHILOSOPHY AND RELIGION	16	0.28%	23	0.40%	7	43.75%
PHYSICAL SCIENCES	136	2.35%	105	1.82%	-31	-22.79%
PSYCHOLOGY	218	3.77%	287	4.97%	69	31.65%
PUBLIC AFFAIRS	15	0.26%	10	0.17%	-5	-33.33%
SOCIAL SCIENCES	754	13.05%	790	13.68%	36	4.77%
VISUAL AND PERFORMING ARTS	197	3.41%	160	2.77%	-37	-18.78%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 6. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: UNIVERSITY OF MASSACHUSETTS AT BOSTON

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	1,839	100.00%	2,017	100.00%	178	9.68%
TYPE OF AWARD						
Undergraduate Certificates	53	2.88%	41	2.03%	-12	-22.64%
Baccalaureate Degrees	1,401	76.18%	1,535	76.10%	134	9.56%
Graduate Certificates	25	1.36%	19	0.94%	-6	-24.00%
Masters Degrees	358	19.47%	421	20.87%	63	17.60%
Doctoral Degree	2	0.11%	1	0.05%	-1	-50.00%
GENDER						
Male	722	39.26%	766	37.98%	44	6.09%
Female	1,117	60.74%	1,251	62.02%	134	12.00%
RACE/ETHNICITY						
Missing	234	12.72%	207	10.26%	-27	-11.54%
Native American	2	0.11%	1	0.05%	-1	-50.00%
Asian	37	2.01%	47	2.33%	10	27.03%
Black	79	4.30%	101	5.01%	22	27.85%
Hispanic	36	1.96%	44	2.18%	8	22.22%
Cape Verdean	5	0.27%	2	0.10%	-3	-60.00%
White	1,368	74.39%	1,516	75.16%	148	10.82%
Non-Resident Alien	78	4.24%	99	4.91%	21	26.92%
AGE						
18	1	0.05%	0	0.00%	-1	-100.00%
19	1	0.05%	0	0.00%	-1	-100.00%
20	1	0.05%	4	0.20%	3	300.00%
21	22	1.20%	23	1.14%	1	4.55%
22 - 24	482	26.21%	517	25.63%	35	7.26%
25 - 29	556	30.23%	627	31.09%	71	12.77%
30 - 34	279	15.17%	325	16.11%	46	16.49%
35 - 39	166	9.03%	204	10.11%	38	22.89%
40 - 44	138	7.50%	142	7.04%	4	2.90%
45 - 49	70	3.81%	76	3.77%	6	8.57%
50 - 54	39	2.12%	30	1.49%	-9	-23.08%
55 - 59	15	0.82%	15	0.74%	0	0.00%
60 - 64	25	1.36%	15	0.74%	-10	-40.00%
65 - 69	18	0.98%	17	0.84%	-1	-5.56%
70 +	13	0.71%	16	0.79%	3	23.08%
Unknown	13	0.71%	6	0.30%	-7	-53.85%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 6. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: UNIVERSITY OF MASSACHUSETTS AT BOSTON

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	1,839	100.00%	2,017	100.00%	178	9.68%
PROGRAM AREA						
RENEWABLE NATURAL RESOURCES	2	0.11%	3	0.15%	1	50.00%
AREA AND ETHNIC STUDIES	9	0.49%	8	0.40%	-1	-11.11%
BUSINESS AND MANAGEMENT	316	17.18%	316	15.67%	0	0.00%
COMPUTER AND INFORMATION SCIENCES	49	2.66%	50	2.48%	1	2.04%
EDUCATION	286	15.55%	342	16.96%	56	19.58%
ENGINEERING	2	0.11%	2	0.10%	0	0.00%
FOREIGN LANGUAGES	33	1.79%	28	1.39%	-5	-15.15%
ALLIED HEALTH	1	0.05%	1	0.05%	0	0.00%
HEALTH SCIENCES	167	9.08%	167	8.28%	0	0.00%
LAW	19	1.03%	35	1.74%	16	84.21%
LETTERS	165	8.97%	188	9.32%	23	13.94%
LIFE SCIENCES	49	2.66%	59	2.93%	10	20.41%
MATHEMATICS	14	0.76%	8	0.40%	-6	-42.86%
MULTI / INTERDISCIPLINARY STUDIES	20	1.09%	13	0.64%	-7	-35.00%
PHILOSOPHY AND RELIGION	13	0.71%	9	0.45%	-4	-30.77%
PHYSICAL SCIENCES	34	1.85%	44	2.18%	10	29.41%
PSYCHOLOGY	98	5.33%	131	6.49%	33	33.67%
PROTECTIVE SERVICES	41	2.23%	34	1.69%	-7	-17.07%
PUBLIC AFFAIRS	121	6.58%	106	5.26%	-15	-12.40%
SOCIAL SCIENCES	356	19.36%	408	20.23%	52	14.61%
VISUAL AND PERFORMING ARTS	44	2.39%	65	3.22%	21	47.73%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 7. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: UNIVERSITY OF MASSACHUSETTS AT WORCESTER

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	123	100.00%	140	100.00%	17	13.82%
TYPE OF AWARD						
Masters Degrees	27	21.95%	28	20.00%	1	3.70%
Doctoral Degree	6	4.88%	15	10.71%	9	150.00%
First Professional Degrees	90	73.17%	97	69.29%	7	7.78%
GENDER						
Male	48	39.02%	72	51.43%	24	50.00%
Female	75	60.98%	68	48.57%	-7	-9.33%
RACE/ETHNICITY						
Missing	0	0.00%	1	0.71%	1	---
Asian	3	2.44%	10	7.14%	7	233.33%
Black	0	0.00%	8	5.71%	8	---
Hispanic	4	3.25%	5	3.57%	1	25.00%
White	116	94.31%	116	82.86%	0	0.00%
AGE						
22 - 24	3	2.44%	0	0.00%	-3	-100.00%
25 - 29	63	51.22%	71	50.71%	8	12.70%
30 - 34	40	32.52%	47	33.57%	7	17.50%
35 - 39	14	11.38%	13	9.29%	-1	-7.14%
40 - 44	1	0.81%	5	3.57%	4	400.00%
45 - 49	1	0.81%	2	1.43%	1	100.00%
50 - 54	0	0.00%	1	0.71%	1	---
55 - 59	1	0.81%	0	0.00%	-1	-100.00%
60 - 64	0	0.00%	1	0.71%	1	---
PROGRAM AREA						
HEALTH SCIENCES	113	91.87%	120	85.71%	7	6.19%
LIFE SCIENCES	10	8.13%	20	14.29%	10	100.00%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 8. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: UNIVERSITY OF LOWELL

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	2,113	100.00%	2,159	100.00%	46	2.18%
TYPE OF AWARD						
Associates Degrees	73	3.45%	67	3.10%	-6	-8.22%
Baccalaureate Degrees	1,430	67.68%	1,472	68.18%	42	2.94%
Graduate Certificates	3	0.14%	4	0.19%	1	33.33%
Masters Degrees	584	27.64%	590	27.33%	6	1.03%
Doctoral Degree	23	1.09%	26	1.20%	3	13.04%
GENDER						
Male	1,316	62.28%	1,267	58.68%	-49	-3.72%
Female	796	37.67%	890	41.22%	94	11.81%
Missing	1	0.05%	2	0.09%	1	100.00%
RACE/ETHNICITY						
Missing	221	10.46%	164	7.60%	-57	-25.79%
Native American	2	0.09%	2	0.09%	0	0.00%
Asian	78	3.69%	95	4.40%	17	21.79%
Black	11	0.52%	14	0.65%	3	27.27%
Hispanic	14	0.66%	23	1.07%	9	64.29%
Cape Verdean	1	0.05%	1	0.05%	0	0.00%
White	1,610	76.19%	1,696	78.55%	86	5.34%
Non-Resident Alien	176	8.33%	164	7.60%	-12	-6.82%
AGE						
20	3	0.14%	3	0.14%	0	0.00%
21	204	9.65%	163	7.55%	-41	-20.10%
22 - 24	930	44.01%	949	43.96%	19	2.04%
25 - 29	439	20.78%	538	24.92%	99	22.55%
30 - 34	194	9.18%	265	12.27%	71	36.60%
35 - 39	90	4.26%	109	5.05%	19	21.11%
40 - 44	49	2.32%	64	2.96%	15	30.61%
45 - 49	16	0.76%	40	1.85%	24	150.00%
50 - 54	8	0.38%	6	0.28%	-2	-25.00%
55 - 59	4	0.19%	6	0.28%	2	50.00%
60 - 64	1	0.05%	2	0.09%	1	100.00%
70 +	2	0.09%	1	0.05%	-1	-50.00%
Unknown	173	8.19%	13	0.60%	-160	-92.49%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 8. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: UNIVERSITY OF LOWELL

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	2,113	100.00%	2,159	100.00%	46	2.18%
PROGRAM AREA						
AREA AND ETHNIC STUDIES	1	0.05%	9	0.42%	8	800.00%
BUSINESS AND MANAGEMENT	496	23.47%	495	22.93%	-1	-0.20%
COMPUTER AND INFORMATION SCIENCES	129	6.11%	129	5.97%	0	0.00%
EDUCATION	149	7.05%	194	8.99%	45	30.20%
ENGINEERING	569	26.93%	522	24.18%	-47	-8.26%
ENGINEERING & ENG. RELATED TECHNOLOGIES	157	7.43%	147	6.81%	-10	-6.37%
FOREIGN LANGUAGES	7	0.33%	5	0.23%	-2	-28.57%
ALLIED HEALTH	49	2.32%	36	1.67%	-13	-26.53%
HEALTH SCIENCES	83	3.93%	117	5.42%	34	40.96%
LETTERS	33	1.56%	41	1.90%	8	24.24%
LIBERAL / GENERAL STUDIES	7	0.33%	6	0.28%	-1	-14.29%
LIFE SCIENCES	28	1.33%	20	0.93%	-8	-28.57%
MATHEMATICS	95	4.50%	72	3.33%	-23	-24.21%
PHILOSOPHY AND RELIGION	1	0.05%	1	0.05%	0	0.00%
PHYSICAL SCIENCES	77	3.64%	82	3.80%	5	6.49%
SCIENCE TECHNOLOGIES	6	0.28%	7	0.32%	1	16.67%
PSYCHOLOGY	64	3.03%	76	3.52%	12	18.75%
PROTECTIVE SERVICES	77	3.64%	107	4.96%	30	38.96%
SOCIAL SCIENCES	40	1.89%	49	2.27%	9	22.50%
VISUAL AND PERFORMING ARTS	45	2.13%	44	2.04%	-1	-2.22%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 9. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: SOUTHEASTERN MASSACHUSETTS UNIVERSITY

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	1,112	100.00%	1,138	100.00%	26	2.34%
TYPE OF AWARD						
Baccalaureate Degrees	1,069	96.13%	1,075	94.46%	6	0.56%
Masters Degrees	43	3.87%	63	5.54%	20	46.51%
GENDER						
Male	513	46.13%	537	47.19%	24	4.68%
Female	599	53.87%	601	52.81%	2	0.33%
RACE/ETHNICITY						
Missing	43	3.87%	50	4.39%	7	16.28%
Native American	3	0.27%	1	0.09%	-2	-66.67%
Asian	15	1.35%	22	1.93%	7	46.67%
Black	11	0.99%	9	0.79%	-2	-18.18%
Hispanic	7	0.63%	6	0.53%	-1	-14.29%
Cape Verdean	4	0.36%	8	0.70%	4	100.00%
White	982	88.31%	990	86.99%	8	0.81%
Non-Resident Alien	45	4.05%	35	3.08%	-10	-22.22%
Other	2	0.18%	17	1.49%	15	750.00%
AGE						
20	2	0.18%	4	0.35%	2	100.00%
21	213	19.15%	182	15.99%	-31	-14.55%
22 - 24	578	51.98%	617	54.22%	39	6.75%
25 - 29	135	12.14%	157	13.80%	22	16.30%
30 - 34	40	3.60%	78	6.85%	38	95.00%
35 - 39	37	3.33%	42	3.69%	5	13.51%
40 - 44	22	1.98%	28	2.46%	6	27.27%
45 - 49	9	0.81%	14	1.23%	5	55.56%
50 - 54	4	0.36%	4	0.35%	0	0.00%
55 - 59	0	0.00%	5	0.44%	5	---
60 - 64	1	0.09%	3	0.26%	2	200.00%
65 - 69	2	0.18%	2	0.18%	0	0.00%
70 +	1	0.09%	1	0.09%	0	0.00%
Unknown	68	6.12%	1	0.09%	-67	-98.53%
PROGRAM AREA						
BUSINESS AND MANAGEMENT	324	29.14%	359	31.55%	35	10.80%
COMPUTER AND INFORMATION SCIENCES	25	2.25%	30	2.64%	5	20.00%
EDUCATION	8	0.72%	9	0.79%	1	12.50%
ENGINEERING	153	13.76%	151	13.27%	-2	-1.31%
ENGINEERING & ENG. RELATED TECHNOLOGIES	62	5.58%	50	4.39%	-12	-19.35%
FOREIGN LANGUAGES	17	1.53%	9	0.79%	-8	-47.06%
HEALTH SCIENCES	105	9.44%	84	7.38%	-21	-20.00%
LETTERS	45	4.05%	48	4.22%	3	6.67%
LIFE SCIENCES	24	2.16%	25	2.20%	1	4.17%
MATHEMATICS	28	2.52%	16	1.41%	-12	-42.86%
MULTI / INTERDISCIPLINARY STUDIES	65	5.85%	84	7.38%	19	29.23%
PHILOSOPHY AND RELIGION	2	0.18%	1	0.09%	-1	-50.00%
PHYSICAL SCIENCES	25	2.25%	13	1.14%	-12	-48.00%
PSYCHOLOGY	52	4.68%	60	5.27%	8	15.38%
SOCIAL SCIENCES	88	7.91%	92	8.08%	4	4.55%
VISUAL AND PERFORMING ARTS	89	8.00%	107	9.40%	18	20.22%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

State Colleges

TABLE 10. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: BRIDGEWATER STATE COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	1,293	100.00%	1,328	100.00%	35	2.71%
TYPE OF AWARD						
Baccalaureate Degrees	1,034	79.97%	1,086	81.78%	52	5.03%
Graduate Certificates	16	1.24%	25	1.88%	9	56.25%
Masters Degrees	212	16.40%	217	16.34%	5	2.36%
Teaching Certification	31	2.40%	0	0.00%	-31	-100.00%
GENDER						
Male	446	34.49%	412	31.02%	-34	-7.62%
Female	847	65.51%	915	68.90%	68	8.03%
Missing	0	0.00%	1	0.08%	1	---
RACE/ETHNICITY						
Missing	93	7.19%	423	31.85%	330	354.84%
Native American	0	0.00%	3	0.23%	3	---
Asian	2	0.15%	9	0.68%	7	350.00%
Black	14	1.08%	12	0.90%	-2	-14.29%
Hispanic	2	0.15%	6	0.45%	4	200.00%
Cape Verdean	2	0.15%	4	0.30%	2	100.00%
White	1,172	90.64%	866	65.21%	-306	-26.11%
Non-Resident Alien	2	0.15%	0	0.00%	-2	-100.00%
Other	6	0.46%	5	0.38%	-1	-16.67%
AGE						
20	4	0.31%	0	0.00%	-4	-100.00%
21	142	10.98%	164	12.35%	22	15.49%
22 - 24	616	47.64%	586	44.13%	-30	-4.87%
25 - 29	172	13.30%	157	11.82%	-15	-8.72%
30 - 34	97	7.50%	70	5.27%	-27	-27.84%
35 - 39	92	7.12%	83	6.25%	-9	-9.78%
40 - 44	52	4.02%	64	4.82%	12	23.08%
45 - 49	36	2.78%	43	3.24%	7	19.44%
50 - 54	7	0.54%	13	0.98%	6	85.71%
55 - 59	2	0.15%	4	0.30%	2	100.00%
60 - 64	3	0.23%	2	0.15%	-1	-33.33%
65 - 69	0	0.00%	1	0.08%	1	---
70 +	1	0.08%	1	0.08%	0	0.00%
Unknown	69	5.34%	140	10.54%	71	102.90%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 10. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: BRIDGEWATER STATE COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	1,293	100.00%	1,328	100.00%	35	2.71%
PROGRAM AREA						
BUSINESS AND MANAGEMENT	291	22.51%	240	18.07%	-51	-17.53%
COMMUNICATIONS	2	0.15%	12	0.90%	10	500.00%
COMPUTER AND INFORMATION SCIENCES	29	2.24%	18	1.36%	-11	-37.93%
EDUCATION	540	41.76%	598	45.03%	58	10.74%
FOREIGN LANGUAGES	1	0.08%	4	0.30%	3	300.00%
ALLIED HEALTH	13	1.01%	26	1.96%	13	100.00%
LAW	0	0.00%	10	0.75%	10	---
LETTERS	83	6.42%	93	7.00%	10	12.05%
LIFE SCIENCES	20	1.55%	21	1.58%	1	5.00%
MATHEMATICS	16	1.24%	13	0.98%	-3	-18.75%
MULTI / INTERDISCIPLINARY STUDIES	1	0.08%	0	0.00%	-1	-100.00%
PHILOSOPHY AND RELIGION	2	0.15%	2	0.15%	0	0.00%
PHYSICAL SCIENCES	26	2.01%	24	1.81%	-2	-7.69%
PSYCHOLOGY	81	6.26%	89	6.70%	8	9.88%
PUBLIC AFFAIRS	33	2.55%	33	2.48%	0	0.00%
SOCIAL SCIENCES	89	6.88%	81	6.10%	-8	-8.99%
TRANSPORTATION AND MATERIAL MOVING	31	2.40%	35	2.64%	4	12.90%
VISUAL AND PERFORMING ARTS	35	2.71%	29	2.18%	-6	-17.14%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 11. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: FITCHBURG STATE COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	951	100.00%	940	100.00%	-11	-1.16%
TYPE OF AWARD						
Baccalaureate Degrees	763	80.23%	756	80.43%	-7	-0.92%
Masters Degrees	188	19.77%	184	19.57%	-4	-2.13%
GENDER						
Male	359	37.75%	332	35.32%	-27	-7.52%
Female	592	62.25%	608	64.68%	16	2.70%
RACE/ETHNICITY						
Missing	20	2.10%	27	2.87%	7	35.00%
Native American	0	0.00%	1	0.11%	1	---
Asian	6	0.63%	4	0.43%	-2	-33.33%
Black	11	1.16%	17	1.81%	6	54.55%
Hispanic	9	0.95%	4	0.43%	-5	-55.56%
Cape Verdean	1	0.11%	0	0.00%	-1	-100.00%
White	904	95.06%	887	94.36%	-17	-1.88%
AGE						
21	148	15.56%	136	14.47%	-12	-8.11%
22 - 24	409	43.01%	380	40.43%	-29	-7.09%
25 - 29	109	11.46%	128	13.62%	19	17.43%
30 - 34	71	7.47%	73	7.77%	2	2.82%
35 - 39	60	6.31%	76	8.09%	16	26.67%
40 - 44	69	7.26%	57	6.06%	-12	-17.39%
45 - 49	27	2.84%	32	3.40%	5	18.52%
50 - 54	9	0.95%	13	1.38%	4	44.44%
55 - 59	7	0.74%	8	0.85%	1	14.29%
60 - 64	2	0.21%	1	0.11%	-1	-50.00%
65 - 69	0	0.00%	2	0.21%	2	---
70 +	1	0.11%	0	0.00%	-1	-100.00%
Unknown	39	4.10%	34	3.62%	-5	-12.82%
PROGRAM AREA						
BUSINESS AND MANAGEMENT	139	14.62%	163	17.34%	24	17.27%
COMMUNICATIONS	81	8.52%	80	8.51%	-1	-1.23%
COMPUTER AND INFORMATION SCIENCES	35	3.68%	24	2.55%	-11	-31.43%
EDUCATION	344	36.17%	328	34.89%	-16	-4.65%
ENGINEERING & ENG. RELATED TECHNOLOGIES	61	6.41%	55	5.85%	-6	-9.84%
ALLIED HEALTH	36	3.79%	39	4.15%	3	8.33%
HEALTH SCIENCES	90	9.46%	88	9.36%	-2	-2.22%
LETTERS	33	3.47%	32	3.40%	-1	-3.03%
LIFE SCIENCES	25	2.63%	21	2.23%	-4	-16.00%
MATHEMATICS	7	0.74%	6	0.64%	-1	-14.29%
PHYSICAL SCIENCES	1	0.11%	2	0.21%	1	100.00%
PSYCHOLOGY	31	3.26%	46	4.89%	15	48.39%
SOCIAL SCIENCES	68	7.15%	56	5.96%	-12	-17.65%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 12. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: FRAMINGHAM STATE COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	742	100.00%	742	100.00%	0	0.00%
TYPE OF AWARD						
Baccalaureate Degrees	639	86.12%	638	85.98%	-1	-0.16%
Masters Degrees	103	13.88%	104	14.02%	1	0.97%
GENDER						
Male	207	27.90%	231	31.13%	24	11.59%
Female	535	72.10%	511	68.87%	-24	-4.49%
RACE/ETHNICITY						
Missing	59	7.95%	52	7.01%	-7	-11.86%
Native American	0	0.00%	1	0.13%	1	---
Asian	5	0.67%	6	0.81%	1	20.00%
Black	3	0.40%	4	0.54%	1	33.33%
Hispanic	3	0.40%	3	0.40%	0	0.00%
Cape Verdean	0	0.00%	1	0.13%	1	---
White	661	89.08%	664	89.49%	3	0.45%
Non-Resident Alien	5	0.67%	5	0.67%	0	0.00%
Other	6	0.81%	6	0.81%	0	0.00%
AGE						
20	1	0.13%	0	0.00%	-1	-100.00%
21	107	14.42%	90	12.13%	-17	-15.89%
22 - 24	370	49.87%	344	46.36%	-26	-7.03%
25 - 29	97	13.07%	120	16.17%	23	23.71%
30 - 34	48	6.47%	60	8.09%	12	25.00%
35 - 39	44	5.93%	51	6.87%	7	15.91%
40 - 44	39	5.26%	32	4.31%	-7	-17.95%
45 - 49	19	2.56%	26	3.50%	7	36.84%
50 - 54	11	1.48%	13	1.75%	2	18.18%
55 - 59	5	0.67%	1	0.13%	-4	-80.00%
60 - 64	0	0.00%	2	0.27%	2	---
65 - 69	0	0.00%	2	0.27%	2	---
Unknown	1	0.13%	1	0.13%	0	0.00%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 12. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: FRAMINGHAM STATE COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	742	100.00%	742	100.00%	0	0.00%
PROGRAM AREA						
BUSINESS AND MANAGEMENT	53	7.14%	98	13.21%	45	84.91%
COMMUNICATIONS	21	2.83%	22	2.96%	1	4.76%
COMPUTER AND INFORMATION SCIENCES	17	2.29%	12	1.62%	-5	-29.41%
EDUCATION	97	13.07%	111	14.96%	14	14.43%
FOREIGN LANGUAGES	14	1.89%	4	0.54%	-10	-71.43%
ALLIED HEALTH	5	0.67%	2	0.27%	-3	-60.00%
HEALTH SCIENCES	55	7.41%	25	3.37%	-30	-54.55%
HOME ECONOMICS	107	14.42%	100	13.48%	-7	-6.54%
LETTERS	43	5.80%	40	5.39%	-3	-6.98%
LIBERAL / GENERAL STUDIES	13	1.75%	19	2.56%	6	46.15%
LIFE SCIENCES	32	4.31%	22	2.96%	-10	-31.25%
MATHEMATICS	6	0.81%	4	0.54%	-2	-33.33%
PHILOSOPHY AND RELIGION	0	0.00%	1	0.13%	1	---
PHYSICAL SCIENCES	3	0.40%	4	0.54%	1	33.33%
PSYCHOLOGY	84	11.32%	93	12.53%	9	10.71%
PUBLIC AFFAIRS	8	1.08%	7	0.94%	-1	-12.50%
SOCIAL SCIENCES	144	19.41%	133	17.92%	-11	-7.64%
VISUAL AND PERFORMING ARTS	40	5.39%	45	6.06%	5	12.50%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 13. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: MASSACHUSETTS COLLEGE OF ART

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	203	100.00%	194	100.00%	-9	-4.43%
TYPE OF AWARD						
Undergraduate Certificates	0	0.00%	1	0.52%	1	---
Baccalaureate Degrees	150	73.89%	152	78.35%	2	1.33%
Graduate Certificates	16	7.88%	10	5.15%	-6	-37.50%
Masters Degrees	37	18.23%	31	15.98%	-6	-16.22%
GENDER						
Male	63	31.03%	55	28.35%	-8	-12.70%
Female	140	68.97%	139	71.65%	-1	-0.71%
RACE/ETHNICITY						
Missing	13	6.40%	20	10.31%	7	53.85%
Asian	1	0.49%	4	2.06%	3	300.00%
Black	2	0.99%	1	0.52%	-1	-50.00%
Hispanic	3	1.48%	4	2.06%	1	33.33%
White	175	86.21%	153	78.87%	-22	-12.57%
Non-Resident Alien	7	3.45%	8	4.12%	1	14.29%
Other	2	0.99%	4	2.06%	2	100.00%
AGE						
20	0	0.00%	1	0.52%	1	---
21	4	1.97%	5	2.58%	1	25.00%
22 - 24	62	30.54%	81	41.75%	19	30.65%
25 - 29	64	31.53%	46	23.71%	-18	-28.13%
30 - 34	31	15.27%	22	11.34%	-9	-29.03%
35 - 39	18	8.87%	14	7.22%	-4	-22.22%
40 - 44	13	6.40%	12	6.19%	-1	-7.69%
45 - 49	3	1.48%	5	2.58%	2	66.67%
50 - 54	3	1.48%	2	1.03%	-1	-33.33%
55 - 59	2	0.99%	1	0.52%	-1	-50.00%
60 - 64	1	0.49%	0	0.00%	-1	-100.00%
Unknown	2	0.99%	5	2.58%	3	150.00%
PROGRAM AREA						
EDUCATION	50	24.63%	30	15.46%	-20	-40.00%
VISUAL AND PERFORMING ARTS	153	75.37%	164	84.54%	11	7.19%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 14. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: MASSACHUSETTS MARITIME ACADEMY

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	120	100.00%	118	100.00%	-2	-1.67%
TYPE OF AWARD						
Baccalaureate Degrees	120	100.00%	118	100.00%	-2	-1.67%
GENDER						
Male	115	95.83%	115	97.46%	0	0.00%
Female	5	4.17%	3	2.54%	-2	-40.00%
RACE/ETHNICITY						
Missing	0	0.00%	1	0.85%	1	---
Black	1	0.83%	0	0.00%	-1	-100.00%
Hispanic	0	0.00%	1	0.85%	1	---
White	114	95.00%	104	88.14%	-10	-8.77%
Non-Resident Alien	5	4.17%	12	10.17%	7	140.00%
AGE						
21	55	45.83%	26	22.03%	-29	-52.73%
22 - 24	57	47.50%	77	65.25%	20	35.09%
25 - 29	8	6.67%	14	11.86%	6	75.00%
30 - 34	0	0.00%	1	0.85%	1	---
PROGRAM AREA						
MILITARY SCIENCES	120	100.00%	118	100.00%	-2	-1.67%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 15. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: NORTH ADAMS STATE COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	416	100.00%	540	100.00%	124	29.81%
TYPE OF AWARD						
Undergraduate Certificates	0	0.00%	10	1.85%	10	---
Baccalaureate Degrees	393	94.47%	512	94.81%	119	30.28%
Graduate Certificates	0	0.00%	1	0.19%	1	---
Masters Degrees	23	5.53%	17	3.15%	-6	-26.09%
GENDER						
Male	184	44.23%	212	39.26%	28	15.22%
Female	232	55.77%	328	60.74%	96	41.38%
RACE/ETHNICITY						
Asian	1	0.24%	0	0.00%	-1	-100.00%
Black	0	0.00%	3	0.56%	3	---
Hispanic	1	0.24%	1	0.19%	0	0.00%
White	413	99.28%	532	98.52%	119	28.81%
Non-Resident Alien	1	0.24%	4	0.74%	3	300.00%
AGE						
21	78	18.75%	100	18.52%	22	28.21%
22 - 24	229	55.05%	289	53.52%	60	26.20%
25 - 29	39	9.38%	51	9.44%	12	30.77%
30 - 34	24	5.77%	30	5.56%	6	25.00%
35 - 39	16	3.85%	38	7.04%	22	137.50%
40 - 44	21	5.05%	20	3.70%	-1	-4.76%
45 - 49	4	0.96%	9	1.67%	5	125.00%
50 - 54	4	0.96%	1	0.19%	-3	-75.00%
55 - 59	0	0.00%	1	0.19%	1	---
60 - 64	1	0.24%	1	0.19%	0	0.00%
PROGRAM AREA						
BUSINESS AND MANAGEMENT	146	35.10%	184	34.07%	38	26.03%
COMPUTER AND INFORMATION SCIENCES	9	2.16%	15	2.78%	6	66.67%
EDUCATION	80	19.23%	110	20.37%	30	37.50%
ALLIED HEALTH	4	0.96%	7	1.30%	3	75.00%
VOCATIONAL HOME ECONOMICS	0	0.00%	7	1.30%	7	---
LETTERS	71	17.07%	92	17.04%	21	29.58%
LIFE SCIENCES	8	1.92%	14	2.59%	6	75.00%
MATHEMATICS	4	0.96%	7	1.30%	3	75.00%
MULTI / INTERDISCIPLINARY STUDIES	4	0.96%	4	0.74%	0	0.00%
PHILOSOPHY AND RELIGION	4	0.96%	5	0.93%	1	25.00%
PHYSICAL SCIENCES	1	0.24%	5	0.93%	4	400.00%
PSYCHOLOGY	25	6.01%	32	5.93%	7	28.00%
SOCIAL SCIENCES	60	14.42%	58	10.74%	-2	-3.33%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 16. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: SALEM STATE COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	1,187	100.00%	1,328	100.00%	141	11.88%
TYPE OF AWARD						
Baccalaureate Degrees	1,032	86.94%	1,137	85.62%	105	10.17%
Masters Degrees	155	13.06%	191	14.38%	36	23.23%
GENDER						
Male	391	32.94%	433	32.61%	42	10.74%
Female	796	67.06%	886	66.72%	90	11.31%
Missing	0	0.00%	9	0.68%	9	---
RACE/ETHNICITY						
Missing	397	33.45%	285	21.46%	-112	-28.21%
Native American	5	0.42%	6	0.45%	1	20.00%
Asian	3	0.25%	4	0.30%	1	33.33%
Black	24	2.02%	20	1.51%	-4	-16.67%
Hispanic	8	0.67%	16	1.20%	8	100.00%
Cape Verdean	0	0.00%	1	0.08%	1	---
White	734	61.84%	983	74.02%	249	33.92%
Non-Resident Alien	14	1.18%	11	0.83%	-3	-21.43%
Other	2	0.17%	2	0.15%	0	0.00%
AGE						
19	1	0.08%	0	0.00%	-1	-100.00%
20	1	0.08%	2	0.15%	1	100.00%
21	121	10.19%	114	8.58%	-7	-5.79%
22 - 24	538	45.32%	612	46.08%	74	13.75%
25 - 29	193	16.26%	221	16.64%	28	14.51%
30 - 34	71	5.98%	91	6.85%	20	28.17%
35 - 39	32	2.70%	59	4.44%	27	84.38%
40 - 44	32	2.70%	41	3.09%	9	28.13%
45 - 49	19	1.60%	21	1.58%	2	10.53%
50 - 54	4	0.34%	10	0.75%	6	150.00%
55 - 59	2	0.17%	1	0.08%	-1	-50.00%
60 - 64	0	0.00%	1	0.08%	1	---
70 +	5	0.42%	2	0.15%	-3	-60.00%
Unknown	168	14.15%	153	11.52%	-15	-8.93%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 16. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: SALEM STATE COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	1,187	100.00%	1,328	100.00%	141	11.88%
PROGRAM AREA						
BUSINESS AND MANAGEMENT	306	25.78%	331	24.92%	25	8.17%
BUSINESS (ADMINISTRATIVE SUPPORT)	77	6.49%	49	3.69%	-28	-36.36%
COMMUNICATIONS	4	0.34%	11	0.83%	7	175.00%
COMPUTER AND INFORMATION SCIENCES	14	1.18%	18	1.36%	4	28.57%
EDUCATION	233	19.63%	341	25.68%	108	46.35%
ENGINEERING	11	0.93%	6	0.45%	-5	-45.45%
HEALTH SCIENCES	111	9.35%	97	7.30%	-14	-12.61%
LETTERS	53	4.47%	47	3.54%	-6	-11.32%
LIBERAL / GENERAL STUDIES	16	1.35%	22	1.66%	6	37.50%
LIFE SCIENCES	20	1.68%	33	2.48%	13	65.00%
MATHEMATICS	14	1.18%	15	1.13%	1	7.14%
LEISURE AND RECREATIONAL ACTIVITIES	35	2.95%	52	3.92%	17	48.57%
PHYSICAL SCIENCES	5	0.42%	5	0.38%	0	0.00%
PSYCHOLOGY	47	3.96%	38	2.86%	-9	-19.15%
PROTECTIVE SERVICES	50	4.21%	40	3.01%	-10	-20.00%
PUBLIC AFFAIRS	50	4.21%	70	5.27%	20	40.00%
SOCIAL SCIENCES	110	9.27%	121	9.11%	11	10.00%
VISUAL AND PERFORMING ARTS	31	2.61%	32	2.41%	1	3.23%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 17. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: WESTFIELD STATE COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	854	100.00%	880	100.00%	26	3.04%
TYPE OF AWARD						
Baccalaureate Degrees	741	86.77%	774	87.95%	33	4.45%
Graduate Certificates	7	0.82%	4	0.45%	-3	-42.86%
Masters Degrees	105	12.30%	102	11.59%	-3	-2.86%
Teaching Certification	1	0.12%	0	0.00%	-1	-100.00%
GENDER						
Male	362	42.39%	398	45.23%	36	9.94%
Female	492	57.61%	482	54.77%	-10	-2.03%
RACE/ETHNICITY						
Missing	20	2.34%	17	1.93%	-3	-15.00%
Native American	3	0.35%	0	0.00%	-3	-100.00%
Asian	4	0.47%	1	0.11%	-3	-75.00%
Black	25	2.93%	8	0.91%	-17	-68.00%
Hispanic	6	0.70%	5	0.57%	-1	-16.67%
White	762	89.23%	790	89.77%	28	3.67%
Other	34	3.98%	59	6.70%	25	73.53%
AGE						
20	4	0.47%	6	0.68%	2	50.00%
21	207	24.24%	202	22.95%	-5	-2.42%
22 - 24	334	39.11%	343	38.98%	9	2.69%
25 - 29	78	9.13%	100	11.36%	22	28.21%
30 - 34	76	8.90%	68	7.73%	-8	-10.53%
35 - 39	64	7.49%	67	7.61%	3	4.69%
40 - 44	46	5.39%	58	6.59%	12	26.09%
45 - 49	27	3.16%	22	2.50%	-5	-18.52%
50 - 54	12	1.41%	8	0.91%	-4	-33.33%
55 - 59	4	0.47%	1	0.11%	-3	-75.00%
60 - 64	2	0.23%	0	0.00%	-2	-100.00%
70 +	0	0.00%	1	0.11%	1	---
Unknown	0	0.00%	4	0.45%	4	---
PROGRAM AREA						
ARCHITECTURE AND ENVIRONMENTAL DESIGN	0	0.00%	20	2.27%	20	---
BUSINESS AND MANAGEMENT	219	25.64%	196	22.27%	-23	-10.50%
COMMUNICATIONS	39	4.57%	50	5.68%	11	28.21%
COMPUTER AND INFORMATION SCIENCES	34	3.98%	20	2.27%	-14	-41.18%
EDUCATION	236	27.63%	248	28.18%	12	5.08%
FOREIGN LANGUAGES	0	0.00%	2	0.23%	2	---
LETTERS	19	2.22%	20	2.27%	1	5.26%
LIBERAL / GENERAL STUDIES	17	1.99%	28	3.18%	11	64.71%
LIFE SCIENCES	15	1.76%	14	1.59%	-1	-6.67%
MATHEMATICS	6	0.70%	15	1.70%	9	150.00%
MULTI / INTERDISCIPLINARY STUDIES	9	1.05%	0	0.00%	-9	-100.00%
PHYSICAL SCIENCES	6	0.70%	4	0.45%	-2	-33.33%
PSYCHOLOGY	62	7.26%	59	6.70%	-3	-4.84%
PROTECTIVE SERVICES	130	15.22%	117	13.30%	-13	-10.00%
SOCIAL SCIENCES	29	3.40%	39	4.43%	10	34.48%
VISUAL AND PERFORMING ARTS	33	3.86%	48	5.45%	15	45.45%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

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TABLE 18. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: WORCESTER STATE COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	748	100.00%	998	100.00%	250	33.42%
TYPE OF AWARD						
Undergraduate Certificates	4	0.53%	1	0.10%	-3	-75.00%
Baccalaureate Degrees	606	81.02%	668	66.93%	62	10.23%
Graduate Certificates	1	0.13%	5	0.50%	4	400.00%
Masters Degrees	137	18.32%	173	17.33%	36	26.28%
Teaching Certification	0	0.00%	151	15.13%	151	---
GENDER						
Male	240	32.09%	279	27.96%	39	16.25%
Female	508	67.91%	719	72.04%	211	41.54%
RACE/ETHNICITY						
Missing	3	0.40%	3	0.30%	0	0.00%
Native American	4	0.53%	9	0.90%	5	125.00%
Asian	4	0.53%	7	0.70%	3	75.00%
Black	8	1.07%	7	0.70%	-1	-12.50%
Hispanic	13	1.74%	7	0.70%	-6	-46.15%
Cape Verdean	2	0.27%	1	0.10%	-1	-50.00%
White	620	82.89%	829	83.07%	209	33.71%
Non-Resident Alien	8	1.07%	18	1.80%	10	125.00%
Other	86	11.50%	117	11.72%	31	36.05%
AGE						
20	0	0.00%	2	0.20%	2	---
21	68	9.09%	62	6.21%	-6	-8.82%
22 - 24	244	32.62%	354	35.47%	110	45.08%
25 - 29	127	16.98%	190	19.04%	63	49.61%
30 - 34	106	14.17%	127	12.73%	21	19.81%
35 - 39	77	10.29%	119	11.92%	42	54.55%
40 - 44	57	7.62%	75	7.52%	18	31.58%
45 - 49	30	4.01%	25	2.51%	-5	-16.67%
50 - 54	12	1.60%	22	2.20%	10	83.33%
55 - 59	8	1.07%	6	0.60%	-2	-25.00%
60 - 64	3	0.40%	1	0.10%	-2	-66.67%
65 - 69	0	0.00%	3	0.30%	3	---
70 +	1	0.13%	1	0.10%	0	0.00%
Unknown	15	2.01%	11	1.10%	-4	-26.67%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

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TABLE 18. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: WORCESTER STATE COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	748	100.00%	998	100.00%	250	33.42%
PROGRAM AREA						
BUSINESS AND MANAGEMENT	130	17.38%	115	11.52%	-15	-11.54%
BUSINESS (ADMINISTRATIVE SUPPORT)	4	0.53%	1	0.10%	-3	-75.00%
COMMUNICATIONS TECHNOLOGIES	39	5.21%	31	3.11%	-8	-20.51%
COMPUTER AND INFORMATION SCIENCES	16	2.14%	30	3.01%	14	87.50%
EDUCATION	172	22.99%	403	40.38%	231	134.30%
FOREIGN LANGUAGES	2	0.27%	5	0.50%	3	150.00%
ALLIED HEALTH	50	6.68%	49	4.91%	-1	-2.00%
HEALTH SCIENCES	96	12.83%	91	9.12%	-5	-5.21%
LETTERS	28	3.74%	32	3.21%	4	14.29%
LIFE SCIENCES	18	2.41%	20	2.00%	2	11.11%
MATHEMATICS	31	4.14%	36	3.61%	5	16.13%
MULTI / INTERDISCIPLINARY STUDIES	14	1.87%	14	1.40%	0	0.00%
PHYSICAL SCIENCES	7	0.94%	5	0.50%	-2	-28.57%
PSYCHOLOGY	59	7.89%	80	8.02%	21	35.59%
SOCIAL SCIENCES	82	10.96%	86	8.62%	4	4.88%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

Community Colleges

TABLE 19. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: BERKSHIRE COMMUNITY COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	400	100.00%	398	100.00%	-2	-0.50%
TYPE OF AWARD						
Undergraduate Certificates	25	6.25%	6	1.51%	-19	-76.00%
Associates Degrees	375	93.75%	392	98.49%	17	4.53%
GENDER						
Male	140	35.00%	159	39.95%	19	13.57%
Female	260	65.00%	239	60.05%	-21	-8.08%
RACE/ETHNICITY						
Missing	2	0.50%	0	0.00%	-2	-100.00%
Asian	0	0.00%	1	0.25%	1	---
Black	5	1.25%	0	0.00%	-5	-100.00%
Hispanic	33	8.25%	25	6.28%	-8	-24.24%
White	359	89.75%	370	92.96%	11	3.06%
Non-Resident Alien	1	0.25%	2	0.50%	1	100.00%
AGE						
18	1	0.25%	0	0.00%	-1	-100.00%
19	38	9.50%	26	6.53%	-12	-31.58%
20	68	17.00%	65	16.33%	-3	-4.41%
21	46	11.50%	76	19.10%	30	65.22%
22 - 24	61	15.25%	57	14.32%	-4	-6.56%
25 - 29	65	16.25%	47	11.81%	-18	-27.69%
30 - 34	36	9.00%	41	10.30%	5	13.89%
35 - 39	31	7.75%	32	8.04%	1	3.23%
40 - 44	31	7.75%	20	5.03%	-11	-35.48%
45 - 49	12	3.00%	20	5.03%	8	66.67%
50 - 54	5	1.25%	5	1.26%	0	0.00%
55 - 59	0	0.00%	5	1.26%	5	---
60 - 64	1	0.25%	3	0.75%	2	200.00%
65 - 69	2	0.50%	0	0.00%	-2	-100.00%
70 +	1	0.25%	0	0.00%	-1	-100.00%
Unknown	2	0.50%	1	0.25%	-1	-50.00%
PROGRAM AREA						
AGRICULTURAL SCIENCES	4	1.00%	4	1.01%	0	0.00%
RENEWABLE NATURAL RESOURCES	5	1.25%	13	3.27%	8	160.00%
BUSINESS AND MANAGEMENT	90	22.50%	81	20.35%	-9	-10.00%
BUSINESS (ADMINISTRATIVE SUPPORT)	18	4.50%	16	4.02%	-2	-11.11%
COMPUTER AND INFORMATION SCIENCES	36	9.00%	15	3.77%	-21	-58.33%
EDUCATION	3	0.75%	1	0.25%	-2	-66.67%
ENGINEERING	12	3.00%	15	3.77%	3	25.00%
ENGINEERING & ENG. RELATED TECHNOLOGIES	11	2.75%	27	6.78%	16	145.45%
ALLIED HEALTH	18	4.50%	9	2.26%	-9	-50.00%
HEALTH SCIENCES	41	10.25%	26	6.53%	-15	-36.59%
VOCATIONAL HOME ECONOMICS	12	3.00%	1	0.25%	-11	-91.67%
LIBERAL / GENERAL STUDIES	95	23.75%	123	30.90%	28	29.47%
PROTECTIVE SERVICES	24	6.00%	38	9.55%	14	58.33%
PUBLIC AFFAIRS	13	3.25%	13	3.27%	0	0.00%
VISUAL AND PERFORMING ARTS	18	4.50%	16	4.02%	-2	-11.11%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 20. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: BRISTOL COMMUNITY COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	525	100.00%	601	100.00%	76	14.48%
TYPE OF AWARD						
Undergraduate Certificates	10	1.90%	12	2.00%	2	20.00%
Associates Degrees	515	98.10%	589	98.00%	74	14.37%
GENDER						
Male	155	29.52%	198	32.95%	43	27.74%
Female	370	70.48%	403	67.05%	33	8.92%
RACE/ETHNICITY						
Missing	6	1.14%	10	1.66%	4	66.67%
Native American	3	0.57%	1	0.17%	-2	-66.67%
Asian	6	1.14%	4	0.67%	-2	-33.33%
Black	8	1.52%	1	0.17%	-7	-87.50%
Hispanic	6	1.14%	7	1.16%	1	16.67%
Cape Verdean	8	1.52%	7	1.16%	-1	-12.50%
White	488	92.95%	569	94.68%	81	16.60%
Non-Resident Alien	0	0.00%	2	0.33%	2	---
AGE						
18	1	0.19%	1	0.17%	0	0.00%
19	30	5.71%	42	6.99%	12	40.00%
20	83	15.81%	105	17.47%	22	26.51%
21	55	10.48%	72	11.98%	17	30.91%
22 - 24	91	17.33%	94	15.64%	3	3.30%
25 - 29	89	16.95%	91	15.14%	2	2.25%
30 - 34	83	15.81%	85	14.14%	2	2.41%
35 - 39	44	8.38%	52	8.65%	8	18.18%
40 - 44	25	4.76%	29	4.83%	4	16.00%
45 - 49	14	2.67%	18	3.00%	4	28.57%
50 - 54	3	0.57%	8	1.33%	5	166.67%
55 - 59	2	0.38%	1	0.17%	-1	-50.00%
60 - 64	4	0.76%	3	0.50%	-1	-25.00%
65 - 69	1	0.19%	0	0.00%	-1	-100.00%
PROGRAM AREA						
BUSINESS AND MANAGEMENT	115	21.90%	125	20.80%	10	8.70%
BUSINESS (ADMINISTRATIVE SUPPORT)	43	8.19%	31	5.16%	-12	-27.91%
COMMUNICATIONS	13	2.48%	13	2.16%	0	0.00%
COMPUTER AND INFORMATION SCIENCES	16	3.05%	20	3.33%	4	25.00%
EDUCATION	17	3.24%	31	5.16%	14	82.35%
ENGINEERING	15	2.86%	14	2.33%	-1	-6.67%
ENGINEERING & ENG. RELATED TECHNOLOGIES	36	6.86%	34	5.66%	-2	-5.56%
ALLIED HEALTH	128	24.38%	129	21.46%	1	0.78%
VOCATIONAL HOME ECONOMICS	7	1.33%	7	1.16%	0	0.00%
LIBERAL / GENERAL STUDIES	93	17.71%	130	21.63%	37	39.78%
MATHEMATICS	1	0.19%	3	0.50%	2	200.00%
PROTECTIVE SERVICES	31	5.90%	55	9.15%	24	77.42%
VISUAL AND PERFORMING ARTS	10	1.90%	9	1.50%	-1	-10.00%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 21. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: BUNKER HILL COMMUNITY COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	576	100.00%	629	100.00%	53	9.20%
TYPE OF AWARD						
Undergraduate Certificates	95	16.49%	109	17.33%	14	14.74%
Associates Degrees	481	83.51%	520	82.67%	39	8.11%
GENDER						
Male	212	36.81%	218	34.66%	6	2.83%
Female	364	63.19%	410	65.18%	46	12.64%
Missing	0	0.00%	1	0.16%	1	---
RACE/ETHNICITY						
Missing	5	0.87%	1	0.16%	-4	-80.00%
Native American	2	0.35%	1	0.16%	-1	-50.00%
Asian	65	11.28%	79	12.56%	14	21.54%
Black	69	11.98%	93	14.79%	24	34.78%
Hispanic	42	7.29%	31	4.93%	-11	-26.19%
Cape Verdean	4	0.69%	2	0.32%	-2	-50.00%
White	350	60.76%	382	60.73%	32	9.14%
Non-Resident Alien	37	6.42%	40	6.36%	3	8.11%
Other	2	0.35%	0	0.00%	-2	-100.00%
AGE						
18	4	0.69%	0	0.00%	-4	-100.00%
19	15	2.60%	11	1.75%	-4	-26.67%
20	42	7.29%	41	6.52%	-1	-2.38%
21	47	8.16%	65	10.33%	18	38.30%
22 - 24	94	16.32%	111	17.65%	17	18.09%
25 - 29	151	26.22%	129	20.51%	-22	-14.57%
30 - 34	87	15.10%	102	16.22%	15	17.24%
35 - 39	57	9.90%	64	10.17%	7	12.28%
40 - 44	43	7.47%	46	7.31%	3	6.98%
45 - 49	16	2.78%	30	4.77%	14	87.50%
50 - 54	6	1.04%	12	1.91%	6	100.00%
55 - 59	2	0.35%	12	1.91%	10	500.00%
60 - 64	2	0.35%	3	0.48%	1	50.00%
65 - 69	0	0.00%	1	0.16%	1	---
70 +	0	0.00%	1	0.16%	1	---
Unknown	10	1.74%	1	0.16%	-9	-90.00%
PROGRAM AREA						
BUSINESS AND MANAGEMENT	114	19.79%	133	21.14%	19	16.67%
BUSINESS (ADMINISTRATIVE SUPPORT)	89	15.45%	99	15.74%	10	11.24%
COMMUNICATIONS TECHNOLOGIES	10	1.74%	9	1.43%	-1	-10.00%
COMPUTER AND INFORMATION SCIENCES	29	5.03%	1	0.16%	-28	-96.55%
ENGINEERING & ENG. RELATED TECHNOLOGIES	50	8.68%	59	9.38%	9	18.00%
ALLIED HEALTH	94	16.32%	111	17.65%	17	18.09%
HEALTH SCIENCES	32	5.56%	35	5.56%	3	9.38%
VOCATIONAL HOME ECONOMICS	22	3.82%	27	4.29%	5	22.73%
LAW	0	0.00%	2	0.32%	2	---
LIBERAL / GENERAL STUDIES	94	16.32%	92	14.63%	-2	-2.13%
PROTECTIVE SERVICES	28	4.86%	46	7.31%	18	64.29%
PRECISION PRODUCTION	1	0.17%	15	2.38%	14	1,400.00%
VISUAL AND PERFORMING ARTS	13	2.26%	0	0.00%	-13	-100.00%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 22. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: CAPE COD COMMUNITY COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	333	100.00%	406	100.00%	73	21.92%
TYPE OF AWARD						
Associates Degrees	333	100.00%	406	100.00%	73	21.92%
GENDER						
Male	98	29.43%	141	34.73%	43	43.88%
Female	235	70.57%	265	65.27%	30	12.77%
RACE/ETHNICITY						
Missing	0	0.00%	20	4.93%	20	---
Native American	2	0.60%	3	0.74%	1	50.00%
Asian	4	1.20%	2	0.49%	-2	-50.00%
Black	3	0.90%	4	0.99%	1	33.33%
Hispanic	3	0.90%	2	0.49%	-1	-33.33%
Cape Verdean	3	0.90%	4	0.99%	1	33.33%
White	317	95.20%	369	90.89%	52	16.40%
Non-Resident Alien	1	0.30%	1	0.25%	0	0.00%
Other	0	0.00%	1	0.25%	1	---
AGE						
18	0	0.00%	1	0.25%	1	---
19	12	3.60%	14	3.45%	2	16.67%
20	42	12.61%	50	12.32%	8	19.05%
21	58	17.42%	58	14.29%	0	0.00%
22 - 24	61	18.32%	70	17.24%	9	14.75%
25 - 29	65	19.52%	68	16.75%	3	4.62%
30 - 34	32	9.61%	47	11.58%	15	46.88%
35 - 39	27	8.11%	43	10.59%	16	59.26%
40 - 44	19	5.71%	33	8.13%	14	73.68%
45 - 49	11	3.30%	15	3.69%	4	36.36%
50 - 54	6	1.80%	6	1.48%	0	0.00%
55 - 59	0	0.00%	1	0.25%	1	---
PROGRAM AREA						
BUSINESS AND MANAGEMENT	49	14.71%	56	13.79%	7	14.29%
BUSINESS (ADMINISTRATIVE SUPPORT)	23	6.91%	26	6.40%	3	13.04%
MARKETING AND DISTRIBUTION	6	1.80%	12	2.96%	6	100.00%
COMPUTER AND INFORMATION SCIENCES	12	3.60%	12	2.96%	0	0.00%
EDUCATION	12	3.60%	22	5.42%	10	83.33%
ENGINEERING	6	1.80%	9	2.22%	3	50.00%
ALLIED HEALTH	17	5.11%	14	3.45%	-3	-17.65%
HEALTH SCIENCES	58	17.42%	77	18.97%	19	32.76%
LIBERAL / GENERAL STUDIES	127	38.14%	148	36.45%	21	16.54%
PSYCHOLOGY	0	0.00%	1	0.25%	1	---
PROTECTIVE SERVICES	17	5.11%	26	6.40%	9	52.94%
CONSTRUCTION TRADES	2	0.60%	0	0.00%	-2	-100.00%
VISUAL AND PERFORMING ARTS	4	1.20%	3	0.74%	-1	-25.00%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 23. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: GREENFIELD COMMUNITY COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	291	100.00%	329	100.00%	38	13.06%
TYPE OF AWARD						
Undergraduate Certificates	38	13.06%	24	7.29%	-14	-36.84%
Associates Degrees	253	86.94%	305	92.71%	52	20.55%
GENDER						
Male	100	34.36%	120	36.47%	20	20.00%
Female	191	65.64%	209	63.53%	18	9.42%
RACE/ETHNICITY						
Missing	29	9.97%	26	7.90%	-3	-10.34%
Native American	1	0.34%	0	0.00%	-1	-100.00%
Asian	1	0.34%	4	1.22%	3	300.00%
Black	2	0.69%	2	0.61%	0	0.00%
Hispanic	3	1.03%	3	0.91%	0	0.00%
White	252	86.60%	287	87.23%	35	13.89%
Non-Resident Alien	3	1.03%	7	2.13%	4	133.33%
AGE						
18	1	0.34%	0	0.00%	-1	-100.00%
19	14	4.81%	11	3.34%	-3	-21.43%
20	32	11.00%	44	13.37%	12	37.50%
21	44	15.12%	41	12.46%	-3	-6.82%
22 - 24	32	11.00%	56	17.02%	24	75.00%
25 - 29	41	14.09%	51	15.50%	10	24.39%
30 - 34	41	14.09%	39	11.85%	-2	-4.88%
35 - 39	49	16.84%	45	13.68%	-4	-8.16%
40 - 44	19	6.53%	26	7.90%	7	36.84%
45 - 49	11	3.78%	12	3.65%	1	9.09%
50 - 54	4	1.37%	2	0.61%	-2	-50.00%
55 - 59	1	0.34%	2	0.61%	1	100.00%
60 - 64	1	0.34%	0	0.00%	-1	-100.00%
65 - 69	1	0.34%	0	0.00%	-1	-100.00%
PROGRAM AREA						
RENEWABLE NATURAL RESOURCES	1	0.34%	1	0.30%	0	0.00%
AREA AND ETHNIC STUDIES	0	0.00%	2	0.61%	2	---
BUSINESS AND MANAGEMENT	48	16.49%	49	14.89%	1	2.08%
BUSINESS (ADMINISTRATIVE SUPPORT)	32	11.00%	33	10.03%	1	3.13%
MARKETING AND DISTRIBUTION	5	1.72%	4	1.22%	-1	-20.00%
COMMUNICATIONS	5	1.72%	7	2.13%	2	40.00%
COMPUTER AND INFORMATION SCIENCES	9	3.09%	6	1.82%	-3	-33.33%
EDUCATION	9	3.09%	12	3.65%	3	33.33%
ENGINEERING	6	2.06%	3	0.91%	-3	-50.00%
ENGINEERING & ENG. RELATED TECHNOLOGIES	4	1.37%	1	0.30%	-3	-75.00%
HEALTH SCIENCES	45	15.46%	50	15.20%	5	11.11%
LIBERAL / GENERAL STUDIES	81	27.84%	104	31.61%	23	28.40%
PARKS AND RECREATION	17	5.84%	14	4.26%	-3	-17.65%
SCIENCE TECHNOLOGIES	1	0.34%	0	0.00%	-1	-100.00%
PROTECTIVE SERVICES	15	5.15%	15	4.56%	0	0.00%
VISUAL AND PERFORMING ARTS	13	4.47%	28	8.51%	15	115.38%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 23. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: GREENFIELD COMMUNITY COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	291	100.00%	329	100.00%	38	13.06%
TYPE OF AWARD						
Undergraduate Certificates	38	13.06%	24	7.29%	-14	-36.84%
Associates Degrees	253	86.94%	305	92.71%	52	20.55%
GENDER						
Male	100	34.36%	120	36.47%	20	20.00%
Female	191	65.64%	209	63.53%	18	9.42%
RACE/ETHNICITY						
Missing	29	9.97%	26	7.90%	-3	-10.34%
Native American	1	0.34%	0	0.00%	-1	-100.00%
Asian	1	0.34%	4	1.22%	3	300.00%
Black	2	0.69%	2	0.61%	0	0.00%
Hispanic	3	1.03%	3	0.91%	0	0.00%
White	252	86.60%	287	87.23%	35	13.89%
Non-Resident Alien	3	1.03%	7	2.13%	4	133.33%
AGE						
18	1	0.34%	0	0.00%	-1	-100.00%
19	14	4.81%	11	3.34%	-3	-21.43%
20	32	11.00%	44	13.37%	12	37.50%
21	44	15.12%	41	12.46%	-3	-6.82%
22 - 24	32	11.00%	56	17.02%	24	75.00%
25 - 29	41	14.09%	51	15.50%	10	24.39%
30 - 34	41	14.09%	39	11.85%	-2	-4.88%
35 - 39	49	16.84%	45	13.68%	-4	-8.16%
40 - 44	19	6.53%	26	7.90%	7	36.84%
45 - 49	11	3.78%	12	3.65%	1	9.09%
50 - 54	4	1.37%	2	0.61%	-2	-50.00%
55 - 59	1	0.34%	2	0.61%	1	100.00%
60 - 64	1	0.34%	0	0.00%	-1	-100.00%
65 - 69	1	0.34%	0	0.00%	-1	-100.00%
PROGRAM AREA						
RENEWABLE NATURAL RESOURCES	1	0.34%	1	0.30%	0	0.00%
AREA AND ETHNIC STUDIES	0	0.00%	2	0.61%	2	---
BUSINESS AND MANAGEMENT	48	16.49%	49	14.89%	1	2.08%
BUSINESS (ADMINISTRATIVE SUPPORT)	32	11.00%	33	10.03%	1	3.13%
MARKETING AND DISTRIBUTION	5	1.72%	4	1.22%	-1	-20.00%
COMMUNICATIONS	5	1.72%	7	2.13%	2	40.00%
COMPUTER AND INFORMATION SCIENCES	9	3.09%	6	1.82%	-3	-33.33%
EDUCATION	9	3.09%	12	3.65%	3	33.33%
ENGINEERING	6	2.06%	3	0.91%	-3	-50.00%
ENGINEERING & ENG. RELATED TECHNOLOGIES	4	1.37%	1	0.30%	-3	-75.00%
HEALTH SCIENCES	45	15.46%	50	15.20%	5	11.11%
LIBERAL / GENERAL STUDIES	81	27.84%	104	31.61%	23	28.40%
PARKS AND RECREATION	17	5.84%	14	4.26%	-3	-17.65%
SCIENCE TECHNOLOGIES	1	0.34%	0	0.00%	-1	-100.00%
PROTECTIVE SERVICES	15	5.15%	15	4.56%	0	0.00%
VISUAL AND PERFORMING ARTS	13	4.47%	28	8.51%	15	115.38%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 24. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: HOLYOKE COMMUNITY COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	721	100.00%	708	100.00%	-13	-1.80%
TYPE OF AWARD						
Undergraduate Certificates	7	0.97%	3	0.42%	-4	-57.14%
Associates Degrees	714	99.03%	705	99.58%	-9	-1.26%
GENDER						
Male	224	31.07%	256	36.16%	32	14.29%
Female	497	68.93%	452	63.84%	-45	-9.05%
RACE/ETHNICITY						
Missing	87	12.07%	92	12.99%	5	5.75%
Native American	1	0.14%	1	0.14%	0	0.00%
Asian	3	0.42%	2	0.28%	-1	-33.33%
Black	10	1.39%	15	2.12%	5	50.00%
Hispanic	17	2.36%	12	1.69%	-5	-29.41%
White	600	83.22%	584	82.49%	-16	-2.67%
Non-Resident Alien	3	0.42%	2	0.28%	-1	-33.33%
AGE						
1 - 17	1	0.14%	0	0.00%	-1	-100.00%
18	1	0.14%	2	0.28%	1	100.00%
19	37	5.13%	49	6.92%	12	32.43%
20	123	17.06%	106	14.97%	-17	-13.82%
21	115	15.95%	101	14.27%	-14	-12.17%
22 - 24	118	16.37%	132	18.64%	14	11.86%
25 - 29	99	13.73%	97	13.70%	-2	-2.02%
30 - 34	78	10.82%	86	12.15%	8	10.26%
35 - 39	61	8.46%	46	6.50%	-15	-24.59%
40 - 44	43	5.96%	51	7.20%	8	18.60%
45 - 49	22	3.05%	19	2.68%	-3	-13.64%
50 - 54	14	1.94%	11	1.55%	-3	-21.43%
55 - 59	7	0.97%	2	0.28%	-5	-71.43%
60 - 64	1	0.14%	0	0.00%	-1	-100.00%
65 - 69	1	0.14%	1	0.14%	0	0.00%
70 +	0	0.00%	1	0.14%	1	---
Unknown	0	0.00%	4	0.56%	4	---
PROGRAM AREA						
BUSINESS AND MANAGEMENT	193	26.77%	183	25.85%	-10	-5.18%
BUSINESS (ADMINISTRATIVE SUPPORT)	89	12.34%	64	9.04%	-25	-28.09%
MARKETING AND DISTRIBUTION	21	2.91%	9	1.27%	-12	-57.14%
ENGINEERING	12	1.66%	20	2.82%	8	66.67%
ENGINEERING & ENG. RELATED TECHNOLOGIES	17	2.36%	19	2.68%	2	11.76%
ALLIED HEALTH	29	4.02%	32	4.52%	3	10.34%
HEALTH SCIENCES	56	7.77%	45	6.36%	-11	-19.64%
VOCATIONAL HOME ECONOMICS	76	10.54%	71	10.03%	-5	-6.58%
LIBERAL / GENERAL STUDIES	180	24.97%	207	29.24%	27	15.00%
PROTECTIVE SERVICES	26	3.61%	35	4.94%	9	34.62%
VISUAL AND PERFORMING ARTS	22	3.05%	23	3.25%	1	4.55%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 25. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: MASSACHUSETTS BAY COMMUNITY COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	526	100.00%	579	100.00%	53	10.08%
TYPE OF AWARD						
Undergraduate Certificates	97	18.44%	163	28.15%	66	68.04%
Associates Degrees	429	81.56%	416	71.85%	-13	-3.03%
GENDER						
Male	150	28.52%	186	32.12%	36	24.00%
Female	376	71.48%	393	67.88%	17	4.52%
RACE/ETHNICITY						
Native American	0	0.00%	1	0.17%	1	---
Asian	9	1.71%	20	3.45%	11	122.22%
Black	34	6.46%	35	6.04%	1	2.94%
Hispanic	7	1.33%	12	2.07%	5	71.43%
White	460	87.45%	488	84.28%	28	6.09%
Non-Resident Alien	14	2.66%	21	3.63%	7	50.00%
Other	2	0.38%	2	0.35%	0	0.00%
AGE						
18	0	0.00%	2	0.35%	2	---
19	25	4.75%	24	4.15%	-1	-4.00%
20	69	13.12%	49	8.46%	-20	-28.99%
21	45	8.56%	63	10.88%	18	40.00%
22 - 24	105	19.96%	102	17.62%	-3	-2.86%
25 - 29	100	19.01%	122	21.07%	22	22.00%
30 - 34	67	12.74%	58	10.02%	-9	-13.43%
35 - 39	39	7.41%	57	9.84%	18	46.15%
40 - 44	27	5.13%	44	7.60%	17	62.96%
45 - 49	22	4.18%	30	5.18%	8	36.36%
50 - 54	14	2.66%	9	1.55%	-5	-35.71%
55 - 59	7	1.33%	9	1.55%	2	28.57%
60 - 64	3	0.57%	4	0.69%	1	33.33%
65 - 69	2	0.38%	4	0.69%	2	100.00%
70 +	1	0.19%	1	0.17%	0	0.00%
Unknown	0	0.00%	1	0.17%	1	---
PROGRAM AREA						
AGRIBUSINESS AND AGRICULTURAL PRODUCTION	13	2.47%	18	3.11%	5	38.46%
BUSINESS AND MANAGEMENT	93	17.68%	90	15.54%	-3	-3.23%
BUSINESS (ADMINISTRATIVE SUPPORT)	92	17.49%	141	24.35%	49	53.26%
MARKETING AND DISTRIBUTION	13	2.47%	14	2.42%	1	7.69%
COMPUTER AND INFORMATION SCIENCES	5	0.95%	13	2.25%	8	160.00%
ENGINEERING & ENG. RELATED TECHNOLOGIES	41	7.79%	33	5.70%	-8	-19.51%
ALLIED HEALTH	48	9.13%	53	9.15%	5	10.42%
HEALTH SCIENCES	93	17.68%	66	11.40%	-27	-29.03%
VOCATIONAL HOME ECONOMICS	39	7.41%	28	4.84%	-11	-28.21%
LAW	2	0.38%	4	0.69%	2	100.00%
LIBERAL / GENERAL STUDIES	72	13.69%	84	14.51%	12	16.67%
PROTECTIVE SERVICES	15	2.85%	33	5.70%	18	120.00%
CONSTRUCTION TRADES	0	0.00%	2	0.35%	2	---

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 26. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: MASSASOIT COMMUNITY COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	828	100.00%	854	100.00%	26	3.14%
TYPE OF AWARD						
Undergraduate Certificates	31	3.74%	41	4.80%	10	32.26%
Associates Degrees	797	96.26%	813	95.20%	16	2.01%
GENDER						
Male	339	40.94%	350	40.98%	11	3.24%
Female	489	59.06%	504	59.02%	15	3.07%
RACE/ETHNICITY						
Missing	5	0.60%	2	0.23%	-3	-60.00%
Native American	2	0.24%	6	0.70%	4	200.00%
Asian	7	0.85%	10	1.17%	3	42.86%
Black	28	3.38%	26	3.04%	-2	-7.14%
Hispanic	6	0.72%	6	0.70%	0	0.00%
Cape Verdean	9	1.09%	6	0.70%	-3	-33.33%
White	771	93.12%	798	93.44%	27	3.50%
AGE						
1 - 17	2	0.24%	0	0.00%	-2	-100.00%
18	3	0.36%	0	0.00%	-3	-100.00%
19	51	6.16%	55	6.44%	4	7.84%
20	126	15.22%	104	12.18%	-22	-17.46%
21	122	14.73%	120	14.05%	-2	-1.64%
22 - 24	138	16.67%	154	18.03%	16	11.59%
25 - 29	110	13.29%	126	14.75%	16	14.55%
30 - 34	77	9.30%	107	12.53%	30	38.96%
35 - 39	81	9.78%	88	10.30%	7	8.64%
40 - 44	60	7.25%	44	5.15%	-16	-26.67%
45 - 49	30	3.62%	34	3.98%	4	13.33%
50 - 54	13	1.57%	10	1.17%	-3	-23.08%
55 - 59	5	0.60%	4	0.47%	-1	-20.00%
60 - 64	4	0.48%	1	0.12%	-3	-75.00%
65 - 69	0	0.00%	2	0.23%	2	---
70 +	0	0.00%	2	0.23%	2	---
Unknown	6	0.72%	3	0.35%	-3	-50.00%
PROGRAM AREA						
BUSINESS AND MANAGEMENT	249	30.07%	240	28.10%	-9	-3.61%
BUSINESS (ADMINISTRATIVE SUPPORT)	51	6.16%	28	3.28%	-23	-45.10%
COMPUTER AND INFORMATION SCIENCES	32	3.86%	21	2.46%	-11	-34.38%
ENGINEERING & ENG. RELATED TECHNOLOGIES	89	10.75%	93	10.89%	4	4.49%
ALLIED HEALTH	36	4.35%	76	8.90%	40	111.11%
HEALTH SCIENCES	57	6.88%	58	6.79%	1	1.75%
VOCATIONAL HOME ECONOMICS	8	0.97%	13	1.52%	5	62.50%
LIBERAL / GENERAL STUDIES	177	21.38%	205	24.00%	28	15.82%
PROTECTIVE SERVICES	64	7.73%	73	8.55%	9	14.06%
PUBLIC AFFAIRS	27	3.26%	26	3.04%	-1	-3.70%
MECHANICS AND REPAIRERS	6	0.72%	3	0.35%	-3	-50.00%
PRECISION PRODUCTION	32	3.86%	18	2.11%	-14	-43.75%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 27. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: MIDDLESEX COMMUNITY COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	714	100.00%	761	100.00%	47	6.58%
TYPE OF AWARD						
Undergraduate Certificates	105	14.71%	73	9.59%	-32	-30.48%
Associates Degrees	609	85.29%	688	90.41%	79	12.97%
GENDER						
Male	243	34.03%	247	32.46%	4	1.65%
Female	471	65.97%	514	67.54%	43	9.13%
RACE/ETHNICITY						
Missing	23	3.22%	3	0.39%	-20	-86.96%
Native American	2	0.28%	3	0.39%	1	50.00%
Asian	7	0.98%	16	2.10%	9	128.57%
Black	8	1.12%	6	0.79%	-2	-25.00%
Hispanic	4	0.56%	8	1.05%	4	100.00%
White	670	93.84%	725	95.27%	55	8.21%
AGE						
18	12	1.68%	2	0.26%	-10	-83.33%
19	58	8.12%	49	6.44%	-9	-15.52%
20	88	12.32%	116	15.24%	28	31.82%
21	91	12.75%	115	15.11%	24	26.37%
22 - 24	184	25.77%	161	21.16%	-23	-12.50%
25 - 29	94	13.17%	124	16.29%	30	31.91%
30 - 34	71	9.94%	62	8.15%	-9	-12.68%
35 - 39	29	4.06%	45	5.91%	16	55.17%
40 - 44	38	5.32%	43	5.65%	5	13.16%
45 - 49	21	2.94%	12	1.58%	-9	-42.86%
50 - 54	11	1.54%	17	2.23%	6	54.55%
55 - 59	3	0.42%	4	0.53%	1	33.33%
60 - 64	3	0.42%	3	0.39%	0	0.00%
65 - 69	1	0.14%	0	0.00%	-1	-100.00%
70 +	2	0.28%	8	1.05%	6	300.00%
Unknown	8	1.12%	0	0.00%	-8	-100.00%
PROGRAM AREA						
BUSINESS AND MANAGEMENT	169	23.67%	195	25.62%	26	15.38%
BUSINESS (ADMINISTRATIVE SUPPORT)	38	5.32%	25	3.29%	-13	-34.21%
MARKETING AND DISTRIBUTION	17	2.38%	9	1.18%	-8	-47.06%
COMPUTER AND INFORMATION SCIENCES	17	2.38%	14	1.84%	-3	-17.65%
EDUCATION	2	0.28%	7	0.92%	5	250.00%
ALLIED HEALTH	113	15.83%	121	15.90%	8	7.08%
HEALTH SCIENCES	47	6.58%	55	7.23%	8	17.02%
LAW	41	5.74%	19	2.50%	-22	-53.66%
LIBERAL / GENERAL STUDIES	143	20.03%	188	24.70%	45	31.47%
BASIC SKILLS	14	1.96%	16	2.10%	2	14.29%
PROTECTIVE SERVICES	52	7.28%	62	8.15%	10	19.23%
PUBLIC AFFAIRS	1	0.14%	1	0.13%	0	0.00%
MECHANICS AND REPAIRERS	29	4.06%	17	2.23%	-12	-41.38%
PRECISION PRODUCTION	23	3.22%	28	3.68%	5	21.74%
VISUAL AND PERFORMING ARTS	8	1.12%	4	0.53%	-4	-50.00%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 28. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: MT. WACHUSETT COMMUNITY COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	500	100.00%	519	100.00%	19	3.80%
TYPE OF AWARD						
Undergraduate Certificates	42	8.40%	37	7.13%	-5	-11.90%
Associates Degrees	458	91.60%	482	92.87%	24	5.24%
GENDER						
Male	195	39.00%	209	40.27%	14	7.18%
Female	305	61.00%	310	59.73%	5	1.64%
RACE/ETHNICITY						
Native American	2	0.40%	1	0.19%	-1	-50.00%
Black	14	2.80%	18	3.47%	4	28.57%
Hispanic	4	0.80%	9	1.73%	5	125.00%
White	467	93.40%	484	93.26%	17	3.64%
Other	13	2.60%	7	1.35%	-6	-46.15%
AGE						
18	1	0.20%	3	0.58%	2	200.00%
19	19	3.80%	29	5.59%	10	52.63%
20	52	10.40%	67	12.91%	15	28.85%
21	53	10.60%	50	9.63%	-3	-5.66%
22 - 24	75	15.00%	70	13.49%	-5	-6.67%
25 - 29	81	16.20%	88	16.96%	7	8.64%
30 - 34	78	15.60%	83	15.99%	5	6.41%
35 - 39	71	14.20%	50	9.63%	-21	-29.58%
40 - 44	37	7.40%	39	7.51%	2	5.41%
45 - 49	21	4.20%	24	4.62%	3	14.29%
50 - 54	7	1.40%	12	2.31%	5	71.43%
55 - 59	3	0.60%	2	0.39%	-1	-33.33%
60 - 64	1	0.20%	0	0.00%	-1	-100.00%
65 - 69	0	0.00%	2	0.39%	2	---
Unknown	1	0.20%	0	0.00%	-1	-100.00%
PROGRAM AREA						
BUSINESS AND MANAGEMENT	129	25.80%	48	9.25%	-81	-62.79%
BUSINESS (ADMINISTRATIVE SUPPORT)	36	7.20%	132	25.43%	96	266.67%
COMMUNICATIONS TECHNOLOGIES	17	3.40%	17	3.28%	0	0.00%
COMPUTER AND INFORMATION SCIENCES	10	2.00%	16	3.08%	6	60.00%
EDUCATION	0	0.00%	3	0.58%	3	---
ENGINEERING	1	0.20%	0	0.00%	-1	-100.00%
ENGINEERING & ENG. RELATED TECHNOLOGIES	30	6.00%	21	4.05%	-9	-30.00%
ALLIED HEALTH	53	10.60%	42	8.09%	-11	-20.75%
HEALTH SCIENCES	40	8.00%	50	9.63%	10	25.00%
VOCATIONAL HOME ECONOMICS	14	2.80%	14	2.70%	0	0.00%
LIBERAL / GENERAL STUDIES	127	25.40%	100	19.27%	-27	-21.26%
PROTECTIVE SERVICES	28	5.60%	51	9.83%	23	82.14%
MECHANICS AND REPAIRERS	10	2.00%	8	1.54%	-2	-20.00%
VISUAL AND PERFORMING ARTS	5	1.00%	17	3.28%	12	240.00%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 29. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: NORTH SHORE COMMUNITY COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	706	100.00%	696	100.00%	-10	-1.42%
TYPE OF AWARD						
Undergraduate Certificates	48	6.80%	52	7.47%	4	8.33%
Associates Degrees	658	93.20%	644	92.53%	-14	-2.13%
GENDER						
Male	266	37.68%	272	39.08%	6	2.26%
Female	439	62.18%	424	60.92%	-15	-3.42%
Missing	1	0.14%	0	0.00%	-1	-100.00%
RACE/ETHNICITY						
Missing	9	1.27%	8	1.15%	-1	-11.11%
Native American	1	0.14%	1	0.14%	0	0.00%
Asian	6	0.85%	6	0.86%	0	0.00%
Black	8	1.13%	12	1.72%	4	50.00%
Hispanic	4	0.57%	10	1.44%	6	150.00%
White	674	95.47%	652	93.68%	-22	-3.26%
Non-Resident Alien	2	0.28%	3	0.43%	1	50.00%
Other	2	0.28%	4	0.57%	2	100.00%
AGE						
18	0	0.00%	1	0.14%	1	---
19	20	2.83%	27	3.88%	7	35.00%
20	73	10.34%	71	10.20%	-2	-2.74%
21	77	10.91%	86	12.36%	9	11.69%
22 - 24	127	17.99%	127	18.25%	0	0.00%
25 - 29	109	15.44%	118	16.95%	9	8.26%
30 - 34	101	14.31%	93	13.36%	-8	-7.92%
35 - 39	72	10.20%	65	9.34%	-7	-9.72%
40 - 44	65	9.21%	62	8.91%	-3	-4.62%
45 - 49	21	2.97%	22	3.16%	1	4.76%
50 - 54	18	2.55%	14	2.01%	-4	-22.22%
55 - 59	3	0.42%	2	0.29%	-1	-33.33%
60 - 64	6	0.85%	3	0.43%	-3	-50.00%
65 - 69	2	0.28%	3	0.43%	1	50.00%
70 +	2	0.28%	0	0.00%	-2	-100.00%
Unknown	10	1.42%	2	0.29%	-8	-80.00%
PROGRAM AREA						
BUSINESS AND MANAGEMENT	102	14.45%	108	15.52%	6	5.88%
BUSINESS (ADMINISTRATIVE SUPPORT)	52	7.37%	45	6.47%	-7	-13.46%
COMPUTER AND INFORMATION SCIENCES	3	0.42%	8	1.15%	5	166.67%
EDUCATION	26	3.68%	27	3.88%	1	3.85%
ENGINEERING	25	3.54%	22	3.16%	-3	-12.00%
ENGINEERING & ENG. RELATED TECHNOLOGIES	84	11.90%	95	13.65%	11	13.10%
ALLIED HEALTH	103	14.59%	91	13.07%	-12	-11.65%
HEALTH SCIENCES	59	8.36%	56	8.05%	-3	-5.08%
LAW	35	4.96%	18	2.59%	-17	-48.57%
LETTERS	2	0.28%	1	0.14%	-1	-50.00%
LIBERAL / GENERAL STUDIES	139	19.69%	148	21.26%	9	6.47%
PROTECTIVE SERVICES	63	8.92%	55	7.90%	-8	-12.70%
TRANSPORTATION AND MATERIAL MOVING	13	1.84%	22	3.16%	9	69.23%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 30. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: NORTHERN ESSEX COMMUNITY COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	753	100.00%	829	100.00%	76	10.09%
TYPE OF AWARD						
Undergraduate Certificates	138	18.33%	144	17.37%	6	4.35%
Associates Degrees	615	81.67%	685	82.63%	70	11.38%
GENDER						
Male	268	35.59%	288	34.74%	20	7.46%
Female	485	64.41%	541	65.26%	56	11.55%
RACE/ETHNICITY						
Missing	74	9.83%	58	7.00%	-16	-21.62%
Native American	2	0.27%	0	0.00%	-2	-100.00%
Asian	4	0.53%	3	0.36%	-1	-25.00%
Black	3	0.40%	16	1.93%	13	433.33%
Hispanic	20	2.66%	23	2.77%	3	15.00%
Cape Verdean	0	0.00%	1	0.12%	1	---
White	650	86.32%	706	85.16%	56	8.62%
Non-Resident Alien	0	0.00%	4	0.48%	4	---
Other	0	0.00%	18	2.17%	18	---
AGE						
1 - 17	1	0.13%	0	0.00%	-1	-100.00%
18	3	0.40%	0	0.00%	-3	-100.00%
19	38	5.05%	36	4.34%	-2	-5.26%
20	84	11.16%	104	12.55%	20	23.81%
21	77	10.23%	119	14.35%	42	54.55%
22 - 24	168	22.31%	156	18.82%	-12	-7.14%
25 - 29	125	16.60%	158	19.06%	33	26.40%
30 - 34	85	11.29%	88	10.62%	3	3.53%
35 - 39	72	9.56%	61	7.36%	-11	-15.28%
40 - 44	61	8.10%	61	7.36%	0	0.00%
45 - 49	17	2.26%	24	2.90%	7	41.18%
50 - 54	8	1.06%	9	1.09%	1	12.50%
55 - 59	2	0.27%	9	1.09%	7	350.00%
60 - 64	2	0.27%	4	0.48%	2	100.00%
65 - 69	1	0.13%	0	0.00%	-1	-100.00%
70 +	1	0.13%	0	0.00%	-1	-100.00%
Unknown	8	1.06%	0	0.00%	-8	-100.00%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 30. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: NORTHERN ESSEX COMMUNITY COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	753	100.00%	829	100.00%	76	10.09%
PROGRAM AREA						
BUSINESS AND MANAGEMENT	189	25.10%	195	23.52%	6	3.17%
BUSINESS (ADMINISTRATIVE SUPPORT)	43	5.71%	79	9.53%	36	83.72%
MARKETING AND DISTRIBUTION	11	1.46%	12	1.45%	1	9.09%
COMMUNICATIONS TECHNOLOGIES	0	0.00%	5	0.60%	5	---
COMPUTER AND INFORMATION SCIENCES	17	2.26%	10	1.21%	-7	-41.18%
EDUCATION	0	0.00%	1	0.12%	1	---
ENGINEERING	28	3.72%	0	0.00%	-28	-100.00%
ENGINEERING & ENG. RELATED TECHNOLOGIES	51	6.77%	89	10.74%	38	74.51%
ALLIED HEALTH	100	13.28%	123	14.84%	23	23.00%
HEALTH SCIENCES	65	8.63%	63	7.60%	-2	-3.08%
VOCATIONAL HOME ECONOMICS	13	1.73%	14	1.69%	1	7.69%
LAW	33	4.38%	26	3.14%	-7	-21.21%
LIBERAL / GENERAL STUDIES	154	20.45%	148	17.85%	-6	-3.90%
PARKS AND RECREATION	0	0.00%	2	0.24%	2	---
PROTECTIVE SERVICES	32	4.25%	35	4.22%	3	9.38%
PRECISION PRODUCTION	17	2.26%	23	2.77%	6	35.29%
TRANSPORTATION AND MATERIAL MOVING	0	0.00%	4	0.48%	4	---

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 31. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: QUINSIGAMOND COMMUNITY COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	546	100.00%	630	100.00%	84	15.38%
TYPE OF AWARD						
Undergraduate Certificates	52	9.52%	82	13.02%	30	57.69%
Associates Degrees	494	90.48%	548	86.98%	54	10.93%
GENDER						
Male	200	36.63%	211	33.49%	11	5.50%
Female	346	63.37%	419	66.51%	73	21.10%
RACE/ETHNICITY						
Missing	16	2.93%	2	0.32%	-14	-87.50%
Native American	2	0.37%	1	0.16%	-1	-50.00%
Asian	8	1.47%	10	1.59%	2	25.00%
Black	11	2.01%	26	4.13%	15	136.36%
Hispanic	13	2.38%	13	2.06%	0	0.00%
White	476	87.18%	553	87.78%	77	16.18%
Non-Resident Alien	2	0.37%	3	0.48%	1	50.00%
Other	18	3.30%	22	3.49%	4	22.22%
AGE						
18	0	0.00%	1	0.16%	1	---
19	28	5.13%	32	5.08%	4	14.29%
20	61	11.17%	68	10.79%	7	11.48%
21	54	9.89%	53	8.41%	-1	-1.85%
22 - 24	91	16.67%	100	15.87%	9	9.89%
25 - 29	97	17.77%	105	16.67%	8	8.25%
30 - 34	73	13.37%	94	14.92%	21	28.77%
35 - 39	71	13.00%	86	13.65%	15	21.13%
40 - 44	40	7.33%	46	7.30%	6	15.00%
45 - 49	18	3.30%	23	3.65%	5	27.78%
50 - 54	5	0.92%	11	1.75%	6	120.00%
55 - 59	2	0.37%	8	1.27%	6	300.00%
60 - 64	2	0.37%	1	0.16%	-1	-50.00%
65 - 69	2	0.37%	2	0.32%	0	0.00%
Unknown	2	0.37%	0	0.00%	-2	-100.00%
PROGRAM AREA						
BUSINESS AND MANAGEMENT	106	19.41%	88	13.97%	-18	-16.98%
BUSINESS (ADMINISTRATIVE SUPPORT)	56	10.26%	95	15.08%	39	69.64%
MARKETING AND DISTRIBUTION	2	0.37%	2	0.32%	0	0.00%
COMPUTER AND INFORMATION SCIENCES	0	0.00%	1	0.16%	1	---
EDUCATION	75	13.74%	105	16.67%	30	40.00%
ENGINEERING	7	1.28%	6	0.95%	-1	-14.29%
ENGINEERING & ENG. RELATED TECHNOLOGIES	72	13.19%	35	5.56%	-37	-51.39%
ALLIED HEALTH	88	16.12%	122	19.37%	34	38.64%
HEALTH SCIENCES	3	0.55%	7	1.11%	4	133.33%
VOCATIONAL HOME ECONOMICS	0	0.00%	1	0.16%	1	---
LIBERAL / GENERAL STUDIES	73	13.37%	81	12.86%	8	10.96%
SCIENCE TECHNOLOGIES	2	0.37%	3	0.48%	1	50.00%
PROTECTIVE SERVICES	59	10.81%	82	13.02%	23	38.98%
VISUAL AND PERFORMING ARTS	3	0.55%	2	0.32%	-1	-33.33%

SOURCE: **Massachusetts Board of Regents of Higher Education**
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 32. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: ROXBURY COMMUNITY COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	135	100.00%	194	100.00%	59	43.70%
TYPE OF AWARD						
Undergraduate Certificates	1	0.74%	23	11.86%	22	2,200.00%
Associates Degrees	134	99.26%	171	88.14%	37	27.61%
GENDER						
Male	36	26.67%	60	30.93%	24	66.67%
Female	99	73.33%	130	67.01%	31	31.31%
Missing	0	0.00%	4	2.06%	4	---
RACE/ETHNICITY						
Missing	3	2.22%	3	1.55%	0	0.00%
Native American	1	0.74%	3	1.55%	2	200.00%
Asian	9	6.67%	9	4.64%	0	0.00%
Black	59	43.70%	110	56.70%	51	86.44%
Hispanic	15	11.11%	19	9.79%	4	26.67%
White	12	8.89%	12	6.19%	0	0.00%
Non-Resident Alien	36	26.67%	38	19.59%	2	5.56%
AGE						
19	2	1.48%	3	1.55%	1	50.00%
20	8	5.93%	3	1.55%	-5	-62.50%
21	13	9.63%	20	10.31%	7	53.85%
22 - 24	34	25.19%	46	23.71%	12	35.29%
25 - 29	25	18.52%	52	26.80%	27	108.00%
30 - 34	24	17.78%	27	13.92%	3	12.50%
35 - 39	15	11.11%	20	10.31%	5	33.33%
40 - 44	9	6.67%	14	7.22%	5	55.56%
45 - 49	2	1.48%	3	1.55%	1	50.00%
60 - 64	0	0.00%	1	0.52%	1	---
70 +	0	0.00%	2	1.03%	2	---
Unknown	3	2.22%	3	1.55%	0	0.00%
PROGRAM AREA						
BUSINESS AND MANAGEMENT	54	40.00%	62	31.96%	8	14.81%
BUSINESS (ADMINISTRATIVE SUPPORT)	27	20.00%	28	14.43%	1	3.70%
COMPUTER AND INFORMATION SCIENCES	7	5.19%	21	10.82%	14	200.00%
EDUCATION	11	8.15%	22	11.34%	11	100.00%
ENGINEERING & ENG. RELATED TECHNOLOGIES	2	1.48%	4	2.06%	2	100.00%
ALLIED HEALTH	2	1.48%	14	7.22%	12	600.00%
HEALTH SCIENCES	3	2.22%	9	4.64%	6	200.00%
LETTERS	3	2.22%	3	1.55%	0	0.00%
LIBERAL / GENERAL STUDIES	23	17.04%	21	10.82%	-2	-8.70%
MULTI / INTERDISCIPLINARY STUDIES	3	2.22%	3	1.55%	0	0.00%
PHYSICAL SCIENCES	0	0.00%	2	1.03%	2	---
PRECISION PRODUCTION	0	0.00%	5	2.58%	5	---

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

TABLE 33. COMPARISON OF 1988/89 AND 1989/90 DEGREES CONFERRED: SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

	A.Y. 1988/89		A.Y. 1989/90		CHANGE	
	#	%	#	%	#	%
ALL	702	100.00%	691	100.00%	-11	-1.57%
TYPE OF AWARD						
Undergraduate Certificates	52	7.41%	47	6.80%	-5	-9.62%
Associates Degrees	650	92.59%	644	93.20%	-6	-0.92%
GENDER						
Male	261	37.18%	282	40.81%	21	8.05%
Female	441	62.82%	409	59.19%	-32	-7.26%
RACE/ETHNICITY						
Missing	77	10.97%	8	1.16%	-69	-89.61%
Native American	7	1.00%	6	0.87%	-1	-14.29%
Asian	3	0.43%	8	1.16%	5	166.67%
Black	47	6.70%	42	6.08%	-5	-10.64%
Hispanic	18	2.56%	25	3.62%	7	38.89%
White	545	77.64%	591	85.53%	46	8.44%
Other	5	0.71%	11	1.59%	6	120.00%
AGE						
18	13	1.85%	0	0.00%	-13	-100.00%
19	50	7.12%	42	6.08%	-8	-16.00%
20	77	10.97%	92	13.31%	15	19.48%
21	52	7.41%	69	9.99%	17	32.69%
22 - 24	112	15.95%	110	15.92%	-2	-1.79%
25 - 29	132	18.80%	92	13.31%	-40	-30.30%
30 - 34	76	10.83%	93	13.46%	17	22.37%
35 - 39	74	10.54%	52	7.53%	-22	-29.73%
40 - 44	37	5.27%	43	6.22%	6	16.22%
45 - 49	21	2.99%	19	2.75%	-2	-9.52%
50 - 54	8	1.14%	9	1.30%	1	12.50%
55 - 59	2	0.28%	0	0.00%	-2	-100.00%
60 - 64	1	0.14%	2	0.29%	1	100.00%
65 - 69	0	0.00%	1	0.14%	1	---
Unknown	47	6.70%	67	9.70%	20	42.55%
PROGRAM AREA						
AGRIBUSINESS AND AGRICULTURAL PRODUCTION	10	1.42%	11	1.59%	1	10.00%
BUSINESS AND MANAGEMENT	114	16.24%	126	18.23%	12	10.53%
BUSINESS (ADMINISTRATIVE SUPPORT)	42	5.98%	35	5.07%	-7	-16.67%
COMMUNICATIONS TECHNOLOGIES	18	2.56%	10	1.45%	-8	-44.44%
COMPUTER AND INFORMATION SCIENCES	14	1.99%	24	3.47%	10	71.43%
CONSUMER, PERSONAL, & MISC. SERVICES	37	5.27%	31	4.49%	-6	-16.22%
EDUCATION	16	2.28%	11	1.59%	-5	-31.25%
ENGINEERING	19	2.71%	18	2.60%	-1	-5.26%
ENGINEERING & ENG. RELATED TECHNOLOGIES	121	17.24%	114	16.50%	-7	-5.79%
ALLIED HEALTH	113	16.10%	104	15.05%	-9	-7.96%
HEALTH SCIENCES	50	7.12%	44	6.37%	-6	-12.00%
LIBERAL / GENERAL STUDIES	91	12.96%	87	12.59%	-4	-4.40%
PROTECTIVE SERVICES	37	5.27%	41	5.93%	4	10.81%
PRECISION PRODUCTION	20	2.85%	35	5.07%	15	75.00%

SOURCE: Massachusetts Board of Regents of Higher Education
Office of Research, Information Systems and Assessment

KMM/M/DP8990/910418

D R A F T

RPEDS COMPLETIONS REPORT
1989/90

April 18, 1991

MASSACHUSETTS BOARD OF REGENTS OF HIGHER EDUCATION
OFFICE OF RESEARCH, INFORMATION SYSTEMS, AND ASSESSMENT

Areta K. Masi

[Data Tables not included. Please see Ronald Biron.]

_____ Original

_____ Update

✓ Revision

COMPLETIONS 1989/90 HIGHLIGHTS

The 1989/1990 Academic Year (AY) RPEDS completions data showed the following about graduates from Massachusetts public universities and colleges:

* There were 27,121 degrees conferred in AY 89/90 by Massachusetts public universities and colleges. This was a 5.4% increase in awards compared to the previous academic year and is comparable to the 4.4% increase nationally at public higher education institutions.

* In the **Massachusetts Public Higher Education System as a whole**, over half the graduates from the system as a whole were women (59.1%). Nationally, overall and for both the public and private sectors, there were also more women than men graduates.

* Of the graduates who were identified by race/ethnicity, 11.5% identified themselves as being from a Minority group. This was a continued increase of proportion of degrees awarded to Minorities. There were substantial increases in the number of Asian (27.4%), Black (17.0%), and Native American (12.3%) graduates.

* There were considerable increases in the numbers of 45-49 and 55-59 year old graduates.

* A substantial percent of all completions were in Business and Management programs (19.2%) and in Education (13.6%). This parallels earlier national data where 16.9% of completions were in Business and Management programs and 20.1% were in Education. Degrees conferred in the architecture and environmental design programs more than doubled as compared to the previous academic year.

Highlights continued -

* The most even distribution of genders of all three segments was in the **Massachusetts Public University Segment** where 51.8% of graduates were women and 48.2% were men. At both the state colleges and community colleges, <u>two-thirds</u> of the AY 89/90 graduates were women.

* Of the three segments, the university segment had the highest proportion of Minority graduates (14.1%).

* Only 6.9% of graduates at the **Massachusetts State College Segment** were Minorities, the smallest proportion of Minorities of all three segments.

* Approximately one-third of degrees conferred at state colleges were in the Education program area. Another 18.8% were in Business and Management.

* The **Massachusetts Community College Segment** had an overall <u>older</u> group of graduates than either the University or State College segments. Substantial amounts of community college graduates were in their thirties (21.8%) and in their forties (10.4%), or older.

* The greatest proportion of completions (21.2%), by far, in the Liberal/General Studies program area was at community colleges. An additional 20.2% of completions were in Business and Management.

COMPLETIONS 1989/90

In the 1989/1990 Academic Year (AY), there were 27,121 completions in the **Massachusetts Public University and College System as a whole**.(1) This was a 5.4% increase from the previous academic year and is comparable to the 4.4% increase nationally at public higher education institutions.(2) The increase in number of graduates was expected as there was an earlier increase in number of enrolled students during the mid-eighties, the classes from which the 89/90 graduates come from. The enrollment at Massachusetts public higher education institutions peaked in 1988 and then flattened out, which would lead one to anticipate a corresponding flattening out in next year's completions.(3)

Of the 1989/1990 completions, the largest proportion 41.4% were in the university segment, followed by 32.5% at community colleges and 26.1% at state (four year) colleges. There was an overall gain in degrees conferred for each segment. State colleges had the largest increase in completions, 8.5%. This was due, in part, to the artificial inflation of growth in the Teaching Certification category.(4) It was also due to the number of awards at state colleges increased in each award category.

The types of awards conferred by Massachusetts public colleges and universities ranged from undergraduate certificates to first professional degrees. They also included the completion of teaching certification programs (0.6%).(5) As can be expected, the largest proportion of degrees conferred were **baccalaureate degrees which accounted for a little over half (52.5%) of all the AY 89/90 completions**. In comparison, at the national level at public postsecondary institutions somewhat less than half (43.8%) of degrees were baccalaureate. Associate degrees accounted for 30.2%

of the completions, and masters degrees for 11.4%. Nationally there was a smaller proportion of associate degrees (22.9%) awarded during AY 89/90. The difference is made up nationally in the 18.1% of "other less-than-4-year awards" as compared to 3.2% of undergraduate certificates at Massachusetts public postsecondary institutions.(6) In the system overall, there was an increase in doctoral degrees of 11.9%, and every other type of award also increased with the exception of graduate certificates which decreased -3.8%.

Over half (59.1%) of the 1989/1990 graduates from Massachusetts public universities and colleges were women. This parallels the national data where for the system overall as well as by sector there were more women than men graduates. There was a continued increase of number of degrees awarded to Minority students. The Minority graduates comprised 11.5% of all graduates in the Massachusetts public higher education system that year.(7) This increase was anticipated since the number and percentage of minority students enrolled in Massachusetts public postsecondary institutions had increased between 1978 and 1987. National data also supported this trend showing increases in median school years completed for Minority groups from 5.7 years in April 1940 to 12.5 year in March 89. What this data does not show is any differences that may exist in proportions of Minority and Non-Minority students who completed their degree as compared to the proportion who originally enrolled. The largest number of Minority graduates were the Non-Resident Aliens, 814 or 3.3% of the 24,828 graduates of the 89/90 graduate cohort who were identified by racial/ethnic status. The next largest group was Black graduates, 722 or 2.9% of the cohort. There was an increase in number of graduates from all racial/ethnic groups except for Non-Resident Aliens. Substantial increases included 27.4% in the number of Asian graduates, followed by 17.0% in the number of Black graduates and 12.3% in the number of Native American graduates. National data also show this trend, where by 1989 almost 17% of Minorities age 25 and over had completed 4 or more years of college, as compared to only 1% in 1940.

While the age of the 98.3% of graduates who gave the information ranged from 18 to 70 and over, the majority were in their twenties (70.5%). The largest proportion (35.1%) were 22-24 years old. While there was a notable loss of -25.0% of graduates who were 60-64 years old, there was also an apparent gain of 31.2% in the number of degrees conferred granted to students 70 years old and older.(8) (9) There were also considerable increases in the number of graduates in the 45-49 year (23.0%) and the 55-59 year (19.2%) age brackets. Overall, therefore, **there were substantial increases in the number of older, "non-traditional" graduates.**(10)

The 27,121 AY 1989/90 degrees conferred in Massachusetts public universities and state colleges were given to students with majors in a wide variety of program areas. **The most substantial percents of these completions were in Business and Management programs (19.2%) and also in Education (13.6%).** This parallels earlier national data where 16.9% of completions were in Business and Management programs and 20.1% were in Education. Every other program area had a proportion less than 7.5% of the overall completions. In AY 1989/90 the degrees conferred in the Architecture and Environmental Design programs more than <u>doubled</u> (107.8%) from the previous academic year. One could question whether the increased interest in these programs was the result of the mid-eighties building boom coupled with the resurgence of interest in environmental issues. There was also a considerable <u>increase</u> in completions in the Leisure and Recreational Activities program area (54.3%), in Transportation and Material Moving (38.6%), and in Precision Production Programs (33.3%). On the other hand, Home Economics programs (-54.3%) and Mechanics and Repairers programs (-37.8%) showed a considerable <u>decrease</u> from AY 1988/89. These shifts and changes in program areas reflect a myriad of influences on students choice of major and vocation. Some are economic forces, others political or social. The changes in composition of the "traditional student body" are also reflected in the completions by program area. A study of these shifts may reveal what factors influence students choice of major and thereby allow colleges to anticipate program changes and develop new ones or phase out old ones as the need arises.

In the **Massachusetts Public University Segment** there were a total of 11,229 completions in the 1989/1990 academic year. This was a 2.4% increase, the smallest of all three segments. The majority (74.8%) of the degrees awarded were baccalaureate degrees. Another 23.3% of the degrees conferred were graduate degrees or certificates. Of these, 18.4% were masters degrees. There were drops in number of certificates awarded both undergraduate (-22.6%) and graduate (-13.8%) as compared to the 1988/89 academic year. Doctoral degrees, however, increased 11.9%.

It is interesting to note that the most even distribution of the genders among the graduates of all three segments was at the universities where 51.8% were female and 48.2% were male. This is compared to both the state college and the community college segments which had about one-third male to two-thirds female graduates. At the universities 89.0% of the graduates reported their race/ethnicity. Of these 14.1% were Minority graduates, the highest proportion of all three segments. **Other than White, the most substantial group of university graduates in these categories was Non-Resident Aliens (6.3%).** This was also the largest proportion of Non-Resident Aliens at any of the three segments. This is probably due to the fact that Massachusetts public universities have a higher public profile than either the state or community colleges. Most of the racial/ethnic categories had an increase in number of completions from AY 88/89.(10) Notable increases included the 26.3% increase in the number of Cape Verdean graduates and the 23.8% increase of Asian graduates. Only the Non-Resident Alien (-6.8%) and Native American (-5.9%) groups had a decrease in the number of completions awarded that year.

The graduate cohort from Massachusetts universities can be considered as a cohort with graduates of traditional age. Of the 99.8% AY 1989/90 university graduates who gave their age, the majority (76.5%) were in their twenties. The most substantial percent of them (42.4%) were in the 22-24 year old age group. This is in spite of the fact that the greatest gains in age groups were 44.5% in the 45-49 year olds and 29.4% in the 70 and older group and of the decrease of -13.8% in the 20 year olds.(10)

Over half (52.9%) of the degrees conferred at the public universities were in one of four programs areas:

* Business and Management (18.6%)
* Social Sciences (11.9%)
* Education (11.5%)
* Engineering (10.9%)

Every other program area had less than 5.5% share of completions, so there was quite a concentration of graduates in the four major program areas. The university segment was the only segment with the relatively large enrollment in Social Sciences and in Engineering. Of those four programs areas, Education had a substantial increase (26.7%) in the number of degrees conferred from the 1988/89 academic year. Three other program areas had similar increases: Law (24.3%), Letters (28.3%), and Psychology (28.2%). The largest increase in completions at the public universities was a 76.6% increase in the Architecture and Environmental Design program area. The largest decrease from AY 88/89 in completions was in Home Economics, a loss of -88.6%. Other substantial decreases in the number of degrees conferred were in Liberal/General Studies (-44.4%), and in Allied Health programs (-25.4%).

There were 7,068 degrees conferred in the **Massachusetts State College Segment** in the 1989/90 academic year, an 8.5% increase from the previous year and the largest increase in completions of all three segments. The majority of awards at the state colleges were baccalaureate degrees (82.6%). There was also a considerable number of masters degrees awarded (14.4% of all degrees). (4)

Only about a third (34.9%) of the AY 1989/90 state college graduates were men. Of the 88.3% of state college graduates who reported their race/ethnicity only 6.9% were Minorities, the **smallest proportion of minority graduates of all three segments.** In fact, the other race/ethnic categories each had less than one-hundred graduates, with the exception of the miscellaneous "Other" category which had 193. This was in spite of the substantial overall increase in the number of minority graduates as compared to the previous academic year: a 66.7% increase in completions for Native Americans, a 40.0% increase for Cape Verdeans, and a 34.6% increase for Asians. There was also an increase of 38.1% of Non-Resident Aliens. Only the number of completions by Black students decreased -18.2% from the AY 88/89 year.(11) The largest proportion (3.1%) of Non-White graduates was from the "Other" category.

In age, the state college graduate cohort was similar to the university graduate cohort. The majority (74.4%) of the Massachusetts state college graduates who gave data on their age (95.1% did so) were in their twenties. This was the same proportion as in the universities. Also like in the public universities, the largest proportion of these graduates (45.6%) were in the 22-24 age group. In addition, at the state colleges there was a substantial proportion of graduates who were in their thirties (15.6%), a 29.2% increase over the previous academic year. The 50-54 age bracket of graduates also had a considerable increase (32.3%) from AY 88/89. There were no notable decreases of graduates of any age group.(12)

It is notable that **almost half (49.5%) of the degrees conferred at Massachusetts state colleges in AY 1989/90 were in one of two program areas:**

* Education (30.7%)
* Business and Management (18.8%)

These were also the major programs areas for the education system as a whole, both in Massachusetts and nationally. The rest of the completions were spread across a variety of programs areas. While

there were fluctuations in the number of graduates from each program area as compared to the previous academic year, the percents of change indicated for these categories are somewhat inflated due to the relatively small number of graduates in each. Taking this into consideration one can note the substantial increases in the number of completions in the Liberal/General Studies program area (50.0%) and the Leisure and Recreational Activities programs (48.6%). Philosophy and Religion (33.3%), Education (23.8%), and Public Affairs (20.9%) also had notable increases in number of completions. On the other hand, there were decreases in the number of completions notably in such programs as Engineering (-45.4%), Business [Administrative Support] (-38.3%), and Multi/Interdisciplinary Studies (-35.7%).

There were 8,824 degrees conferred in the **Massachusetts Community College Segment** in the 1989/90 academic year, a 6.9% increase from AY 1988/89. As can be expected, the awards given were mostly associate degrees (90.8%), though some of the awards were undergraduate certificates (9.2%).

The majority of community college graduates were women. Like at the state colleges, only slightly over a third (36.2%) of the AY 89/90 community college graduates were men. Of the 97.4% of these graduates who reported their race/ethnicity, 11.9% identified themselves as being from a Minority racial/ethnic group. **Community colleges had the largest proportion (4.7%) of Black graduates of all three segments**, even as compared to universities which had a greater proportion of minorities than either of the two other segments. While there was no change in the Native American group, all other groups did experience a gain in completions, with the exception of Cape Verdean (-16.7%).(10)

Of the 99.1% of community college graduates who gave information about their age, a considerable proportion (59.6%) were in their twenties. In fact, like at the state colleges and at the public universities, the two largest groups of graduates were in the 22-24 age bracket (17.7%) and the 25-29 age bracket (16.8%). Unlike the other two segments, there was not a large proportion of graduates in the 22-24 group; <u>it was less than half the proportion that it was for the other segments</u>. In addition, substantial percents of these graduates were in their thirties (21.8%) and in their forties (10.4%). It is interesting to note that the **community colleges -- which are two year schools -- had an overall <u>older</u> group of graduates than that either at the state colleges or at public universities.** And except for a notable increase (16.8%) in the 21 year old age group, there were no substantial increases in the number of degrees conferred in each category until the 45-49 age group and higher. Notably, there was a large increase (56.4%) of graduates in the 55-59 year old age bracket.(13)

A little over half (53.1%) of the degrees conferred in AY 1989/90 at Massachusetts community colleges were in one of three program areas:

* Liberal/General Studies (21.2%)
* Business and Management (20.2%)
* Allied Health (11.8%)

The community colleges generated the greatest proportion of completions, by far, in Liberal/General Studies than either the state colleges or the public universities. As this program area contains majors that may not directly nor immediately translate into an occupation, it would be useful to examine the data further to see <u>who</u> these graduates are and <u>where</u> these graduates are going after completing their community college degrees. It would lead one to questions such as whether these are traditionally aged students who are transferring to four year colleges or perhaps non-traditional students taking courses for self-improvement. One could discover what proportion of them are women or Minorities. These kinds of questions prompt further investigation. As far as the community

college degrees conferred, there was an 11.8% increase in Liberal/General Arts from AY 88/89 to Ay 89/90. There was also a notable increase (31.8%) in completions in the Protective Services program area.(14) There were notable decreases in the number of degrees conferred in the following program areas:

* Law (-37.8%)
* Mechanics and Repairers (-37.8%)
* Marketing and Distribution (-17.3%)
* Consumer, Personal, & Misc. Services (-16.2%)

Data Tables from the AY 1989/90 RPEDS Degrees Conferred Report follow this report.

Completions Endnotes

(1) It is important to note that **this report is based on the RPEDS Completions Reports and not the IPEDS Completions Surveys.** There are discrepancies in the numbers between the two reports. This is due to the differences in definitions of categories used, specifically gender and completions. The RPEDS database includes a missing gender category that the IPEDS survey does not have. RPEDS also includes completion categories such as "post-baccalaureate certificates less than 1 year" and "teaching certification program completions" that are not recognized by NCES and, therefore, not included in the IPEDS database.

(2) National data is from the National Center for Educational Statistics (NCES) reports: "Digest of Education Statistics 1990" and "Early Estimates: National Postsecondary Statistics, Collegiate and Noncollegiate Fall 1990."

(3) The enrollment data is from RPEDS.

(4) The largest increase between AY 88/89 and AY 89/90 in the type of award was for the teaching certification programs, an increase of 371.9%. This increase was mainly due to Worcester State in which 151 students were reported in AY 89/90 but were not reported in AY 88/89. This, therefore, is an artificial increase.

(5) Teaching certification is not an award or a degree but a "completion." Students complete a teaching program and they receive a certificate from the state, not the campus. Since the campus program meets the certificate requirements, the RPEDS database counts the teaching certificate as part of the campus completions.

Endnotes continued

(6) NCES defines "other less-than-4-year awards" as "postsecondary awards, certificates, or diplomas (other than associate degrees) that require completion of a program of less than 1 year, at least 1 but less than 2 years, or at least 2 but less than 4 years."

(7) This is of the 91.6% of graduates who were identified by race/ethnicity.

(8) There seems to have been a loss in number of graduates in the 1-17 and 18 years old age groups as compared to the previous academic year. It is probable that this was not a loss, per se, but the result of an increase of accuracy in reporting the data since it is unlikely that many graduates from Massachusetts public universities and colleges were under 18 years of age.

(9) There are still slight problems with data on age. The data continues to be cleaned up.

(10) Another factor in degree of data quality is the number and percent of missing data. For any variable, a statistically significant increase or decrease of missing data affects all its response categories. For example, the notable drop of missing age data affects the percent change in age as compared to the previous year. An increase in missing race/ethnicity data impacts the change in number of minorities in each category.

(11) Though these increases and the decrease are considerable they are somewhat inflated due to the small number of graduates in each of these categories.

Endnotes cont.

(12) Though there were substantial percent losses in the 55-59, 60-64, and 70+ age groups, these were due more to an inflation due to small numbers of graduates than to an actual large loss.

(13) Though the data indicate large decreases in completions in the 1-17 and 18 year old age groups, this was probably, once again, artificially created by data cleanup; it is unlikely that many graduates from public colleges were 18 and under.

(14) Other considerable increases were somewhat inflated by the small number of graduates in that specific program area. These were as follows:

* Mathematics (200.0% increase but only an increase of 2 more graduates)
* Renewable natural resources (133.3% increase but only 8 more actual graduates)
* Transportation and material moving (100.0% increase by only 13 more graduates)